# COLORADO BIRD NOTES

Bulletin of the Colorado Bird Club
(National Audubon Society Affiliate)

Vol. 9 No. 1 Denver, Colorado February 15, 1961

## COLORADO CHRISTMAS COUNT SUMMARY, 1960-61

by John Chapin

This year's Christmas Count summary shows 121 species for ten counts, but no single count recorded more than 74 species. Participants in these ten counts spent 321 party hours in finding the 121 species.

Certain items in the reports are gratifying. It is good, for instance, to see that some of the rarer winter diving ducks seem to be able to survive in north-central Colorado and that planting of game birds appears to be successful in the Fort Collins area. On the other hand, it is disappointing to find that human population pressure and "efficiency" in the Denver metropolitan area each year destroy good birding areas.

Several years ago we had few Brewer's Blackbirds on Christmas Counts. Occurrence picked up and this species became fairly common in feed-lots and in flocks of Redwings. This year its population seems to be off again, except in the Colorado Springs area. Other possibly cyclic forms which might be noted are: Common Snipe well up from a few years ago; Belted Kingfisher seems high; Clark's Nutcracker more numerous in the appropriate habitat; Red-breasted Nuthatch up from some years but nowhere near the recent peak; Brown Creeper well up from a few years ago; Canyon Wren seems to have hit rock bottom; Robin fewer than usual; Bohemian Waxwing well below recent highs but still well up; Cassin's Finch in greater numbers than in years; Pine Grosbeak and Red Crossbill not common but are present and perhaps on the increase. Juncos in the mountains seem to be very scarce in comparison with some other years.

An immature Whistling Swan was seen on Marston Lake (Jefferson County); Barrow's Goldeneye and Oldsquaw at Estes Park (Rocky Mountain National Park count); White-winged Scoter, Turkey Vulture, Swainson's Hawk, California Gull (details lacking), Mockingbird, Common Grackle, and Chipping and Savannah Sparrows at Longmont; Peregrine Falcon, Common Redpoll and Vesper Sparrow at Colorado Springs; Yellow-shafted Flicker at Weldona; and Sage Thrasher at Durango. Starling and House Finch were found at Idaho Springs for the first time on a count, as was a Rusty Blackbird, carefully identified by Sadie Morrison and her party.

Count areas and observers:

Plains--

Weldona - Fort Morgan (Wel): Lawrence & Catherine Bonner, Dennis Carter, Irving Greenbaum, Mrs. C.W. Hansen, Harold & Evelyn Holt, Mrs. Estella McCutcheon, Howard Rollin, Charles & Mildred Snyder, Donna Thatcher, Donald Thatcher.

Black Forest (BF): Richard G. Beidleman, Hugh Kingery.

Plains and Foothills--

Fort Collins (FC): Sheila Brewer, John & Margaret Douglass, Ronald Ryder.

Loveland (Lvd): John & Margaret Douglass.

Longmont (Lmt): Jay Arnold, Verlie Beeler, Mrs. Earle Brown, Mrs. Oral Case, Mrs. Carl Collister, Mr. & Mrs. Harold Dunning, Hugh Kingery, Vera Maunder, Mrs. Edith Myers, Mrs. Erma Neill, Mrs. John Thielen, Mr. & Mrs. Walter Schoning, Nellie Simms, Gwen Smith, Mrs. Lucie Smith, Mrs. Iva Wilson.

Jefferson County (JC): L. & C. Bonner, D. Carter, John Chapin, Lawrence Davis, Ted & Ruth Dement, Tony Gaskill, Robert Glover, H. & E. Holt, Netta Henrichs, Leonard Licht, Thompson Marsh, Lucy Marsh, Donald McLean, Phyllis McRea, Sadie Morrison, Mary Robinson, Charles & Mildred Snyder, Donald Thatcher, Donna Thatcher, Parnell & Jean White, Dr. & Mrs. Howard Wilson.

Colorado Springs (CS): Mrs. T.L. Adams, Richard Beidleman, Mrs. G.L. Catlett, Stanley Davis, Mrs. K.E. Ewing, Mrs. L.B. Field, H.C. Fischer, D.W. Galvin, Mr. & Mrs. R.R. Larkey, Mrs. Dickson Leavens, Donald Malick, Dorothy Mierow, Mrs. N.J. Miller, Mr. & Mrs. Paul Nosbit, Mrs. W.E. Noble, Mrs Frank Sample, George Sinton, Marlon Speers, Mr. & Mrs. J.B. Stabler, Robert Stabler, Mrs M.M. Thurlow, James Turner, Mrs. E. VanSickle, Mr. & Mrs. H.J. Weberbauer, Mrs. A.D. Williams.
Mountains, Eastern Slope --

Rocky Mountain National Park (RM): Lee Croissant, J. & M. Douglass, Chester Harris, R. Ryder, Chuck Stone.

Idaho Springs - Georgetown (IS): Mr. & Mrs. Joseph Borden, D. Carter, J.K. & J.L. Chapin, L. Davis, N. Henrichs, H. Holt, P. McRae, S. Morrison, Mary Louise & Candace Rosegay, D.M. Thatcher, Lois Webster.
Mountains, Western Slope --

Durango (Dur): Eunice, Nancy, Sue Ann and Thomas J. Frizell, Oppie Reames.

| Species | Wel | BF | FC | Lyd | Imt | JC | CS | RM | IS | Dur |
|---|---|---|---|---|---|---|---|---|---|---|
| Great Blue Heron | | | | | 1 | | 5 | | | 1 |
| Whistling Swan | | | | | | 1 | | | | |
| Canada Goose | 48 | | 770 | 118 | 53 | 805 | | | | |
| Snow Goose | | | | | | | | | | 1 |
| Mallard | 88 | | 3207 | 21700 | 15042 | 422 | 1164 | 1 | | 61 |
| Gadwall | | | 4 | 6 | | 8 | | | | |
| Pintail | | | 4 | 40 | 16 | 30 | | | | |
| Green-winged Teal | 35 | | 5 | 6 | 3 | 35 | 37 | | | |
| Blue-winged Teal | | | | | 3 | | 4 | | | |
| American Widgeon | 6 | | 33 | 2 | | 60 | 18 | 1 | | |
| Shoveler | | | | | | 2 | 8 | | | |
| Redhead | | | | | 2 | 2 | 5 | | | |
| Ring-necked Duck | | | | | | 30 | | | | |
| Canvasback | | | | | | | 2 | | | |
| Lesser Scaup | | | 2 | | | 1 | | 1 | | |
| Common Goldeneye | | | 27 | 16 | 20 | 24 | 7 | 111 | | 19 |
| Barrow's Goldeneye | | | | | | | | 2 | | |
| Bufflehead | | | | | 3 | | | 2 | | |
| Oldsquaw | | | | | | | | 1 | | |
| White-winged Scoter | | | | 1 | | | | | | |
| Hooded Merganser | | | | | | 1 | | | | |
| Common Merganser | | | 79 | 28 | 10 | 104 | 6 | 8 | | 5 |
| Red-breasted Merganser | | | | | | 1 | | | | |
| Turkey Vulture | | | | | 1 | | | | | |
| Sharp-shinned Hawk | | | | | | | 1 | | | |
| Cooper's Hawk | 2 | | | | | | | | | |
| Red-tailed Hawk | 2 | | 1 | 1 | 12 | 8 | 5 | | | 2 |
| Swainson's Hawk | | | | | 2 | | | | | |
| Rough-legged Hawk | 11 | | 7 | 2 | 26 | 4 | 8 | | | |
| Ferruginous Hawk | | | | | 1 | | 1 | | | |
| Golden Eagle | 3 | 7 | 3 | | 1 | 3 | 6 | | 1 | 3 |
| Bald Eagle | | | | | | | | | | 5 |
| Marsh Hawk | 7 | | 13 | 2 | 8 | 5 | 3 | | | 1 |
| Prairie Falcon | | | | | 1 | 2 | | | | 1 |
| Peregrine Falcon | | | | | | | 1 | | | |
| Pigeon Hawk | 1 | | | | 2 | | 1 | | | |
| Sparrow Hawk | 5 | | 6 | | 17 | 5 | 9 | | | 1 |
| Scaled Quail | | | 23 | | | | 27 | | | |
| California Quail | | | 30 | | | | | | | |
| Ring-necked Pheasant | 19 | | 62 | 1 | 135 | 72 | | | | |
| Chukar | | | 14 | | | | | | | |
| Spanish Red-legged Partridge | | | 1 | | | | | | | |
| American Coot | | | | 2 | | 30 | | | | |

| Species | Wel | BF | FC | Lvd | Lmt | JC | CS | RM | IS | Dur |
|---|---|---|---|---|---|---|---|---|---|---|
| Killdeer | 6 | | 33 | 7 | 44 | 25 | 13 | | | 3 |
| Common Snipe | 5 | | 72 | 5 | 23 | 11 | 15 | | | 3 |
| Herring Gull | 6 | | 2 | 40 | 1 | 1 | | | | |
| California Gull | | | | | 1 | | | | | |
| Ring-billed Gull | | | | 2 | 1 | 6 | | | | |
| Mourning Dove | | | | | 25 | | | | | |
| Screech Owl | | | | | 1 | | | | | |
| Great Horned Owl | 7 | | 2 | | 1 | 7 | 3 | | | |
| Short-eared Owl | 2 | | 4 | | 1 | 1 | | | | |
| Belted Kingfisher | 7 | | 3 | 1 | 9 | 8 | 3 | | | 7 |
| Yellow-shafted Flicker | 1 | | | | | | | | | |
| Red-shafted Flicker | 27 | 3 | 45 | 4 | 147 | 44 | 50 | | | 3 |
| Lewis' Woodpecker | | | 1 | 1 | 16 | | 1 | | | 1 |
| Hairy Woodpecker | 1 | 5 | 2 | 1 | 2 | 5 | 13 | 4 | | 2 |
| Downy Woodpecker | 5 | | 3 | 2 | 9 | 17 | 11 | 2 | | 2 |
| Northern Three-toed Woodpecker | | | | | | | | | 1 | |
| Horned Lark | 520 | 3 | 220 | | 62 | 1 | 60 | | | 114 |
| Gray Jay | | | | | | | | | 17 | |
| Blue Jay | 10 | | 8 | 1 | 7 | | | | | |
| Steller's Jay | | 48 | 7 | 6 | 120 | 72 | 294 | 42 | 79 | 4 |
| Scrub Jay | | | | | 10 | 36 | 121 | | | 23 |
| Black-billed Magpie | 114 | 39 | 76 | 63 | 403 | 506 | 521 | 21 | 30 | 140 |
| Common Raven | | | | | | | 1 | 6 | 10 | 3 |
| Common Crow | | | 2 | 1 | 135 | 265 | 338 | | | 10 |
| Pinon Jay | | 127 | | | 150 | | 1 | | | |
| Clark's Nutcracker | | 27 | | | | | 1 | 29 | 51 | |
| Black-capped Chickadee | 23 | 3 | 30 | 22 | 87 | 163 | 86 | 5 | 13 | |
| Mountain Chickadee | 2 | 88 | 34 | 15 | 10 | 75 | 100 | 106 | 111 | 3 |
| Common Bushtit | | | | | | | 21 | | | |
| White-breasted Nuthatch | | 11 | | | 1 | 3 | 20 | 4 | 3 | |
| Red-breasted Nuthatch | 1 | 5 | | 2 | | 3 | 9 | 8 | 4 | |
| Pigmy Nuthatch | | 270 | | 10 | | 17 | 72 | 165 | 4 | |
| Brown Creeper | 2 | 3 | 7 | 7 | 4 | 12 | 16 | 1 | 7 | |
| Dipper | | | 5 | 10 | 4 | 9 | 2 | 33 | 6 | 12 |
| Canon Wren | | | 1 | | | 4 | | | | |
| Mockingbird | | | | 1 | | | | | | |
| Sage Thrasher | | | | | | | | | | 1 |
| Robin | 14 | | | 1 | 4 | 17 | 4 | | 1 | 1 |
| Townsend's Solitaire | 2 | | 2 | 1 | 2 | 77 | 25 | 3 | 29 | 1 |
| Golden-crowned Kinglet | | | 3 | | | 12 | 4 | | 4 | |
| Ruby-crowned Kinglet | | | | | | 1 | 2 | | | |
| Cedar Waxwing | 2 | | | | | | | | | |
| Bohemian Waxwing | 30 | | 168 | 80 | 15 | | 25 | | 220 | |
| Northern Shrike | 3 | 1 | 2 | 1 | 1 | 3 | 2 | 2 | 1 | |
| Loggerhead Shrike | | | | | 2 | | 1 | | | 1 |
| Starling | 188 | 46 | 218 | 214 | 2195 | 247 | 828 | | 12 | 18 |
| House Sparrow | 520 | 8 | 149 | many | 369 | 208 | 316 | 2 | 77 | 116 |
| Western Meadowlark | 135 | | 23 | 18 | 509 | 57 | 145 | | | |
| Redwinged Blackbird | 2202 | | 43 | 7 | 3849 | 285 | 2050 | | | 5 |
| Rusty Blackbird | | | | | | | | | 1 | |
| Brewer's Blackbird | 4 | | | 67 | 41 | 1 | 501 | | | |
| Common Grackle | | | | | 1 | | | | | |
| Evening Grosbeak | 9 | | 92 | | 16 | 27 | 46 | 30 | 25 | |
| Cassin's Finch | | 230 | 34 | 11 | 130 | 351 | 202 | 19 | 20 | |
| House Finch | 2 | | 50 | 6 | 250 | 68 | 318 | | 4 | |
| Pine Grosbeak | | | 13 | | | | | | 24 | |
| Gray-crowned Rosy Finch | | | | | | 14 | | 148 | 32 | |
| Black Rosy Finch | | | | | | | | 1 | 1 | |
| Brown-capped Rosy Finch | | | | | | | | 27 | 2 | |

| Species | Wel | BF | FC | Lvd | Lmt | JC | CS | RM | IS | Dur |
|---|---|---|---|---|---|---|---|---|---|---|
| Common Redpoll | | | | | | | 23 | | | |
| Pine Siskin | 7 | | 36 | | 2 | 2 | 101 | | | |
| American Goldfinch | 48 | | 3 | 6 | 159 | 7 | 6 | | | |
| Lesser Goldfinch | | | | | 2 | 4 | 2 | | | |
| Red Crossbill | | 260 | 9 | | | 16 | 10 | 47 | | |
| Rufous-sided Towhee | | | | | 2 | 4 | 6 | | | |
| Brown Towhee | | | | | | | 1 | | | |
| Savannah Sparrow | | | | | 2 | | | | | |
| Vesper Sparrow | | | | | | | 2 | | | |
| White-winged Junco | 1 | 39 | 1 | | | 26 | 8 | 2 | | |
| Slate-colored Junco | 19 | | 5 | 1 | 35 | 62 | 27 | | 12 | |
| Oregon Junco | 149 | 61 | 134 | 56 | 475 | 780 | 563 | 2 | 37 | 318 |
| Gray-headed Junco | | 3 | 1 | 1 | 7 | 61 | 231 | | 5 | 10 |
| Tree Sparrow | 372 | 1 | 161 | 23 | 830 | 42 | 338 | | | |
| Chipping Sparrow | | | | | 2 | | | | | |
| Harris' Sparrow | | | | | 3 | 2 | | | | |
| White-crowned Sparrow | 22 | | 122 | 5 | 92 | 61 | 6 | | | 1 |
| Swamp Sparrow | | | | | | 1 | | | | |
| Song Sparrow | 23 | 1 | 11 | 6 | 16 | 55 | 73 | | | 2 |
| Number of species | 50 | 24 | 61 | 52 | 74 | 74 | 74 | 33 | 32 | 37 |
| Party hours | 25 | 15 | 22 | 10 | 46 | 78 | 64 | 21 | 31 | 9 |
| Date | December 21 | 31 | 23 | 24 | 26 | 26 | 26 | 21 | Jan, 2 | Dec. 31 |

## FEBRUARY AND MARCH MEETINGS

Tuesday, February 28, Nancy Harritt and Alice Rudolph, will talk, with slides, on Birding in Australia. 8 PM, at Bird Room, Denver Museum of Natural History. (Please use furnace room entrance at north side.)

March 28, Harold Webster will present a film on falconry, display his falcons, and discuss hawks and their protection.

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## WINTER FINCHES

The extraordinary occurrence this winter of numbers of the Cassin's Finch at feeding stations at Denver has given several of us an opportunity to compare that bird and the House Finch, as the two species often feed side-by-side. The males can be recognized readily by the coloring of the underparts, the House Finch being streaked with brownish exactly like a female, while Cassin's Finch is clear, with pink breast and whitish abdomen. The red of the Cassin's Finch head is mostly on the front, while that of the House Finch is more extensive. Also, the Cassins' Finch head appears almost to be crested, while the House Finch head is almost flattened. The females are very dissimilar, also, to an experienced eye, the brownish streaks on the underparts of the House Finch being dull and broad, while those of Cassin's are distinct, narrow, and more numerous, on a whiter ground.

Another finch, themRedpoll, often confused by beginners with the two species of Carpodacus, has been reported several times this winter. It is readily identified by the fact that its red is limited to the breast of the male and to the crown, the entire upperparts except the crown being brownish. A good point to remember, if there are several birds present, is that both sexes have the red crown, while only the males of the other two species have red. The black chin also will help distinguish the Redpoll from the larger House and Cassin's Finches.

## Field Trips, March, 1961

Sat. 4 Leave Alameda, block west of Broadway, 7:30 AM for Waterton and South Platte River. Ferd Kleinschnitz, leader. Ducks, hawks, Dipper. Bring Lunch.

Sun. 5 Leave Museum parking lot, 7:00 AM for Rocky Mountain Arsenal. Mary Louise Rosegay, leader. Hawks and owls. ½ day.

Sat. 11 Leave Museum parking lot, 7:30 AM for Barr Lake area. Philip Alexander, leader. Waterfowl, several species of hawks, Water Pipit. Bring Lunch.

Sun. 12 Leave Colfax & Sheridan (parking lot behind drug store), 7:00 AM for Red Rocks & Genesee Mountain Parks. Donald Thatcher, leader. ½ day. Cooper's Hawk, nuthatches, wrens, juncos.

Sat. 18 Leave Colfax & Sheridan , 1:00 PM for Bear Creek area. Sadie Morrison, leader. Ducks, hawks, Great Horned Owl, Dipper, Cassin's Finch.

Sun. 19 Leave Cherry Creek Shopping Center (southwest corner), 7:30 AM for Black Forest area, northeast of Colorado Springs. Ted and Ruth Dement, leaders. Hawks, jays, Mountain Bluebird, Red Crossbill. Bring Lunch.

Sat. 25 Leave Colfax & Sheridan, 7:30 AM for Wheat Ridge - Golden area. Dennis Carter, leader. Screech Owl, jays, sparrows. Bring Lunch.

Sun. 26 Leave Alameda, block west of Broadway, 1:30 PM for Sedalia area. John Chapin, leader. Hawks, Mountain Bluebird, sparrows.

## Field Trip Reports

January, 1961

29 Georgetown; 8 people; Ted and Ruth Dement, leaders. Total species, 17. 10 Gray Jay, 4 Clark's Nutcracker, 1 Gray-crowned Rosy Finch.

February, 1961

4 No Report 5 No Trip

12 Red Rocks & Genesee Mountain Parks; 8 people; Donald Thatcher, leader. Total species, 15. 1 Cooper's Hawk, 1 Bewick's Wren, 1 Canon Wren.

11 Barr Lake area; 7 people; Philip Alexander, leader. Total species, 35. 1 Pied-billed Grebe, 50 Pintail, 1 Pigeon Hawk, 11 Water Pipit.

18 Bear Creek area; 7 people; Sadie Morrison, leader. Total species, 26. 53 Ring-necked Duck, 1 Prairie Falcon, 1 Northern Shrike.

Other Records: Larry Davis (CR9-4089) has found a rosy finch roost in a clay pit at Golden; he has seen as many as 89, all Gray-crowned except for one Black.
George and Marie Shier saw a Bald Eagle north of Golden on Feb. 21.
The Oldsquaw and Barrow's Goldeneye are still on the lake at Estes Park.
Longmont Bird Club members report three Bald Eagles at Union Reservoir near Longmont and Pinon Jays wintering at Lyons.

# COLORADO BIRD NOTES

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(National Audubon Society Affiliate)

Vol. 9 No. 2 Denver, Colorado May 15, 1961

## WINTER SEASON, 1960 - 1961

by Donald M. Thatcher

Each season has its high-lights for birders and the past winter has been outstanding in that respect. Perhaps the most excitement was caused by the appearance of a Varied Thrush at Wheat Ridge which, unfortunately, was seen by only three observers. That bird and a Bewick's Wren wintering at Red Rocks Park added two new species to the Denver list. The Red Crossbill and Cassin's Finch, especially the latter, which seldom appears beyond the edge of the Foothills, were extremely numerous in Denver and elsewhere on the Plains. A female Western Tanager remained at Boulder at least until January 18. The Common Redpoll was unusually frequent early in the season, and there was a good flight of the Bohemian Waxwing. A flock of Rosy Finches roosted in an abandoned clay pit at Golden, affording an unusual opportunity for banding.

In a review of the winter records for the past ten years, the following are outstanding:

1951-52: Red Crossbills nesting throughout the winter and spring, December through June, in the Foothills.

1952-53: A winter-long invasion in numbers by the Pygmy Nuthatch of the Douglas Fir and Lodgepole Pine forests; the nuthatch normally is partial to the Ponderosa Pine.

1953-54: The Starling showed a great increase at Denver. Pine Grosbeak and White-winged Junco were unusually numerous in the Foothills.

1954-55: An exceptional year, for it had no exceptional birds.

1955-56: Extreme abundance of Red Crossbill and Pine Siskin in the Foothills, and of Clark's Nutcracker in Foothills and Plains.

1956-57: A Roadrunner in the mountains at Idaho Springs, November to March; a Varied Thrush at Fort Morgan; and several small flocks of the Common Bushtit in the Denver parks. A good flight of the Bohemian Waxwing was the first in many years. The Robin inexplicably started its migration in large numbers in mid-January, throughout eastern Colorado.

1957-58: An Ancient Murrelet (the first Alcid ever reported in Colorado) found dead near Lafayette in late November; a female Vermilion Flycatcher near Denver on the Christmas Count; and a Bullock's Oriole in the city through March. Myrtle and Audubon's Warblers in small groups wintered at Denver and other localities.

1958-59: Spotted Owl and Ross' Goose at Denver and Red-bellied Woodpecker at Boulder were additions to the Denver list. A flight of the Bohemian Waxwing far exceeded that of two years previous.

1959-60: Nothing especially rare, but there were unusual numbers of Rough-legged Hawk, Short-eared and Pygmy Owls, Blue Jay in the city of Denver, Northern Shrike, Rusty Blackbird and Harris' Sparrow.

The spring migration has produced at least four additions to the Denver area list, which will be reported fully later: Scissor-tailed Flycatcher, Yellow-throated Vireo, Worm-eating Warbler and Yellow-throated Warbler. A male Cardinal at a feeder in north Denver is the first for the area in many years.

Following are listed some late-received fall dates and the most note-worthy winter occurrences, gleaned from several thousand reports. Contributors: Philip Alexander, Jay Arnold, Mrs. Inez Baker, Claude & Bernice Burt, Lawrence & Catherine Bonner, Dennis Carter, Phyllis Caswell, Mrs. Allegra Collister, C.N. Collister,

Lawrence Davis, Ted & Ruth Dement, John & Margaret Douglass, Mrs. Ray Ferrill, Robert Glover, Irving Greenbaum, Robert Gustafson, Harold Holt, John Hough, Edwin Kalmbach, Mrs. Marjorie Lett, Thompson Marsh, Donald McLean, Sadie Morrison, Mrs. Edith Myers, Johnson Neff, Mrs. Walter Nettles, Oppie Reames, Mrs. Mary L. Rosegay, Ronald Ryder, George & Marie Shier, Charles& Mildred Snyder, Donald Spencer, Ranson Stone, Mrs. Berene Sullivan, Donald Thatcher, Mrs. Merle Thielen, Oakleigh Thorne, T.A. Vaughan, Howard & Helen Wilson, Paul & Leslie Julian, Ferd Kleinschnitz. "Count" refers to Christmas Count, "Club" to scheduled Bird Club trips.

Fall Migrants (later dates than previously reported):
Greater Yellowlegs - 2 11/3 east of Berthoud (IB).
Lesser Yellowlegs - 1 11/3 ditto.
California Gull - 2 11/3 Longmont (IB).

Winter Reports:
Pied-billed Grebe - 1 1/14, 2/11 Barr L (Club).
Great Blue Heron - several reports Dec-April, Longmont to Colorado Springs, Durango.
WHISTLING SWAN - 5 12/10 flying SW over Denver (L&CB); 1 12/26 (Count), 1 1/22 (Club) BowMar.
Snow Goose - 1 12/31 Durango (Count).
Blue-winged Teal - 12/26 3 Longmont, 4 Colorado Springs (Count).
Wood Duck - 2 1/22, 2/26 Bow Mar. (Bowles Lake)(Club).
Ring-necked Duck - 20 1/22 Bow Mar (Club).
BARROW'S GOLDENEYE - pair at Estes Park 11/24 to 2/8 (JA, and others).
Bufflehead - many reports of 1 - 3 Dec. to March (none Feb.), Longmont, Estes Park, Denver vicinity.
OLD SQUAW - female 12/10 to 2/8 Estes Park (J&MD and others); another (same?) 3/2 Gaynor Lake, Longmont (AC,IB).
WHITE-WINGED SCOTER - female 12/24 Loveland J&MD (not Longmont as noted in Christmas Count remarks, Feb. 15 CBN).
Ruddy Duck - several reports 1-8 Dec-March, Longmont, Denver and vicinity.
Hooded Merganser - 1 12/26 (Count), 2/22 (HH) Bow Mar.
Red-breasted Merganser - 1 12/26 (Count) Bow Mar.
TURKEY VULTURE - 1 12/26 Longmont (Count).
Sharp-shinned Hawk - 10 reports of 1 12/10-3/31 (carrying Starling 3/26) Denver (T.); several other reports.
Goshawk - 1 1/28 Golden (DC,LD,GS).
Rough-legged Hawk - 27 reports 1 - 10 12/2-4/15 Longmont to Denver and vicinity.
Bald Eagle - 5 12/31 Durango (Count); 12 reports of 1 - 3 1/1-3/11 Longmont to Golden; 3 2/8 30 miles NE of Grand Junction (CNC).
Peregrine Falcon - 1 12/26 Colorado Springs (Count), 1 1/14 Longmont (IB).
Pigeon Hawk - 10 reports 1 or 2 12/5-3/18 Fort Collins to Colorado Springs.
Virginia Rail - 2 1/7 Golden (DC).
Herring Gull - 5 reports 1 or 2 12/12-3/24 Longmont to Denver vicinity.
Mourning Dove - 25 12/26 Longmont (Count); numerous reports 1-12 Jan.-Feb. Longmont to Barr L.
Pigmy Owl - 1 1/15 Morrison (SM,PC).
Short-eared Owl - 12 reports 1-8 12/5-4/15 Fort Collins, Weldona to Denver.
Belted Kingfisher - 1-9, 7 Christmas Counts; 3 1/21 Morrison (Club); 1-2 in January at Longmont (also several others).
Lewis' Woodpecker - 1 Golden, Westminster all winter; 2 Longmont.
Yellow-shafted Flicker - 1 12/21 (no evidence of hybridization), Fort Morgan (Count).
Yellow-bellied Sapsucker - 1 12/29-1/5 Longmont (banded-AC); 1-2 1/15-21 Lyons (JA,IB, MT); 1 2/25 Golden (Club).
GRAY JAY - 1 12/12, 17 & 1/22 Denver (HH).
Blue Jay - several reports in Denver, Sept.-March.
Steller's Jay - frequent on plains, Longmont, Berthoud, Denver 10/27 to last of March.

Scrub Jay - 10 12/26 Longmont (Count); several reports 1-4 at Lyons, Longmont through 3/28 (north of regular range).
Pinon Jay - 100-150 Lyons 1/23-2/15 (AC,IB,JA); 4 11/21 Boulder (BS); 8-15 12/31, 1/2 Longmont (AC).
Mountain Chickadee - frequent on plains, Denver, Platteville, etc. through winter.
White-breasted Nuthatch - frequent, Denver, Golden, Longmont to 3/1.
Red-breasted Nuthatch - 7 reports of 1-2 12/8-2/27 Denver (TM); others Lakewood, Berthoud.
Brown Creeper - numerous reports, mostly 1 or 2, 10/31 to 2/15 Longmont, Barr L, Denver and vicinity; 1 3/15 Platteville, first record (ML).
Winter Wren - 1 2/18,21 Golden (DC,LD,HH)
BEWICK'S WREN - one previously reported seen 10/9 at Red Rocks, seen again 2/12 and 3/5 by DT and others.
Mockingbird - 1 12/24 Loveland (Count-J&MD)(not at Longmont as previously reported).
Brown Thrasher - 1 2/3,4 Platteville (ML).
Sage Thrasher - 1 12/31 Durango (Count).
Robin - frequent through winter; approx. 20 at Red Rocks Park; 14 reports of 1-6 12/8-3/6 Denver (TM); others Lyons, Longmont, Golden.
VARIED THRUSH - 1 2/26, 3/5 at feeder, Wheatridge (DS, also seen by DT) first Denver record.
Townsend's Solitaire - numerous, 18 reports of 1-3 12/10-3/28 Denver (TM).
Ruby-crowned Kinglet - 1 12/26 Red Rocks Park (Count-DT); 2 12/26 Colorado Springs (Count); 1 1/3-18 Longmont (AC,MT); 1 1/16 Lyons (JA,MT).
Water Pipit - 11 2/11 Barr L (Club).
Cedar Waxwing - several reports 12/2-21 Fort Collins, Platteville, Longmont, Fort Morgan; 4 reports of 2-13 12/4-3/12 Denver (TM).
Bohemian Waxwing - moderately large flight, 12/1-1/29, mostly in December, Fort Morgan and Fort Collins to Colorado Springs; last, 12 2/21 Golden (HH).
Northern Shrike - first 1 11/3 Longmont (IB); last 3/18 Longmont (IB) and Platteville (ML); many reports, Longmont and Estes Park to south of Denver.
Loggerhead Shrike - 1-2 on 3 Christmas Counts 12/26-31 Longmont, Colorado Springs, Durango; 1/9 Berthoud (JA).
Myrtle Warbler - 1 female 12/13,14 Fort Collins (J&MD).
Audubon's Warbler - 1-2 1/7-9 Longmont (AC); 2 1/7 (IB), 1/16 (JA,MT) Lyons.
Western Meadowlark - fewer than usual, Platteville (ML).
YELLOW-HEADED BLACKBIRD - 1 12/29 Longmont (AC); 1 1/8 with large flock of Redwings, Barr Lake (C&BB).
Redwinged Blackbird - 1 female in flock of 1000 12/20 Platteville (ML).
RUSTY BLACKBIRD - 1 1/2 IDAHO SPRINGS (Count-SM); 3 2/2, 8 2/3 Longmont (AC).
Brewer's Blackbird - numerous reports of 2-100 Jan and Feb, Longmont, Platteville, Berthoud, Barr L, Denver, Morrison; 500 12/26 Colorado Springs (Count).
Common Grackle - 1 12/26 (Count), 5 1/20 (IB) Longmont.
WESTERN TANAGER - female at Boulder (JH,EK)(see Dec. 15 CBN, p. 57) last report, banded 1/18 (OT).
Evening Grosbeak - many reports, Dec-March, Fort Collins to Colorado Springs.
Cassin's Finch - unusual flight onto plains, many appearing at feeders with House Finch, Denver, Longmont, etc. 276 banded at Denver by J. Neff 1/14-4/25; total fed estimated at more than twice that number. First, 12 12/2 Platteville (ML), 20 12/3 Littleton (Club).
Pine Grosbeak - 5 2/3-4 Boulder (IG).
Rosy Finches - (unidentified) 40 12/4 Morrison (Club), several hundred 12/2 near Rand, Jackson Co. (TAV); 70 Gray-crowned and Brown-capped at Cliff Swallow nests 2/13 Ault (MT); flock approximately 100, mostly Gray-crowned, with 4 Black, at abandoned clay mine near Golden 2/25-3/29 (LD,DC and others); 400 unidentified 2/ Estes Park (Club); 300 Gray-crowned 1/10 N. St. Vrain River (AC); (several other reports).

Common Redpoll - 23 12/26 Colorado Springs (Count); 75 1/27, 4 1/29 Platteville (ML).
Pine Siskin - unusually scarce on plains; no mountain reports during winter.
Lesser Goldfinch - 4 reports 1-4 12/26 - 1/2 Longmont, Jefferson Co, and Colorado Springs.
Red Crossbill - unusually numerous reports on plains (Longmont, Denver) including: 30 10/27, 4 10/28 Longmont (IB); 10 reports of 1-13 12/4-3/25 Denver (TM).
WHITE-WINGED CROSSBILL - 3 females Estes Park, 2 pairs Meeker Park 1/10 (MT).
Savannah Sparrow - 2 12/26 Longmont (Count).
Chipping Sparrow - 2 12/26 Longmont (Count).
Harris Sparrow - frequent; 8 reports 1-3 12/18-1/22, Longmont, Berthoud and Denver vicinity.
White-throated Sparrow - 1 12/3 Littleton (Club); 1-4 1/26-3/27 Longmont (IB,MT).
Lincoln's Sparrow - 1 12/14 Longmont (AC).
Swamp Sparrow - 1 12/26 Jefferson Co. (Count).

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The following notes accompanied Christmas Count reports published in the last CBN:

Durango--The occurrence of a Sage Thrasher during the winter is most unusual and this is the first record I have for the winter period. However, the Sage Thrasher is a common summer resident in sagebrush areas here, and is frequently found in other habitats during the spring and fall migration periods. This bird was observed at rest and in flight, at comparatively close range, and definitely identified.

The presence of the Snow Goose was not so unusual but it is the first time this species has been recorded on a Christmas Count. This bird was an immature with markings of dark to light gray on the tail and head. The black wing-tips were well defined when it was in flight.

Note absence of pine siskins, goldfinshes, house finch, and Cassins finch. Last year was a poor year for these, too. --Oppie Reames.

Fort Collins--Scaled Quail, California Quail, Chukar, and Spanish Red-legged Partridge all introduced on local game refuge; seen there and carefully identified.

Loveland-- White-winged Scoter was observed on Flatirons Reservoir at fair range in excellent light with 20X telescope. The bird, a female or immature, was identified by shape, large bill, white spots on head, and white on wings in flight.

A single Mockingbird was seen at very close range with 7X binoculars in good light by both observers both at rest and in flight. All field marks were evident. Repeated Christmas count records suggest that a few Mockingbirds winter each year in the Loveland area although they are not found nearby.

Rocky Mountain National Park, Colorado--Barrow's Goldeneye--For the past several years a single beautifully marked drake Barrow's Goldeneye has been repeatedly observed on Lake Estes. This year a drake appeared by 10 December and has been repeatedly observed with telescopes and binoculars by several different parties since then. All field marks are evident. A female Goldeneye with a very yellow bill has been observed accompanying the male since his arrival in December. The birds have been observed displaying.

Oldsquaw - The Oldsquaw was first observed on 10 December by John and Margaret Douglass in good light with a 20X telescope. Since 10 December it has been repeatedly observed and on the day of the census 5 of the six observers saw the duck. The bird is a female in winter plumage. All field marks are evident.

--John & Margaret Douglass.

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The new, revised "Field Guide to Western Birds" by Roger T. Peterson is out and can be purchased at most book stores. To those who are not familiar with the book--- Be sure to obtain the 1961 edition. Some stores are still selling the first edition.

## WELDONA NOTES
by Howard Rollin

January 31, 1961--The past month has been about as barren of birds as any January since we started living here nearly fifty years ago. Even the usual common ones such as Magpie and Horned Lark have been quite scarce and of the hawks almost none were seen; Golden Eagle seen a few times and one Prairie Falcon seen all month. Horned Owls have been seen once or twice, and a very few longspurs with the small flocks of Horned Larks. Tree Sparrows have remained about the place in small numbers.

February 28, 1961--February saw a slight quickening in birdlife here but also was very backward. Golden Eagle was seen a few times; other hawks were absent, even the Marsh Hawk. Ring-necked Pheasant was present in very small numbers. Horned Owl was not seen at all. Horned Lark was heard singing for the first time on Feb. 5 and increasing everyday to the present, but so far no flight song heard. Magpie about rarely. First migrant: Mountain Bluebird, 3 on Feb. 21 (same date as last year). Northern Shrike not seen since December; Starling once or twice; House Sparrow about rarely since Feb. 2; Western Meadowlark singing since Feb. 10 and more frequent every day. First Redwinged Blackbird (two) on Feb. 7; flock of 50 on Feb. 21. Tree Sparrow in small numbers at this date. Lapland Longspur working north most days; largest number seen: 25-30 on Feb. 11.

March 13, 1961--The long drouth of late fall and winter finally broke the night of March 2, and by the 7th, 14⅛ inches of snow was recorded in this immediate area. Over a half-inch, mostly rain, was recorded the weekend of the 18th, but the most was the snowfall of March 27 -28 of 20 inches or more. About one-half inch of rain preceeded the snow and the snow certainly contained at least an inch, as it was quite wet. Birds showed some increase in activity but it is still a very slow spring.

April 30,1961--Very little moisture fell in April, after the generous amounts of March. However, though the storm periods did not bring much moisture, they were numerous and unseasonably cool temperatures were recorded. Bird activity consequently continued quite backward, and all migrants were slow. Some such as Chipping Sparrow, Clay-colored Sparrow, Barn Owl, and almost all ducks were not seen at all and others in very small numbers.

The following notes are combined from the March (M) and April (A) reports.
Ducks - 13, probably Mallards, the only ones seen
Rough-legged Hawk - increased as migrants appeared, but still quite scarce
Golden Eagle - Occasional, M; 1 4/17
Marsh Hawk - the most common hawk, but scarce
GYRFALCON - This rare falcon in the white phase was seen March 9 as we were returning from town. It flew along in front of the car for over one-half a mile, as well as perching a couple of times. The very large size and typical falcon form and flight made identification unmistakable.
Sparrow Hawk - rare, M; small numbers, A.
Ring-necked Pheasant - few
Killdeer - first 1 3/14,15; common 3/25 (first 1960, 4/7)
Gull, probably Ring-billed - 3 4/5
Mourning Dove - first 1 3/27 (first, 1960, 4/7); next, 4/19; increasing 4/28
Great Horned Owl - present, scarce
Red-shafted Flicker - first, 1 4/8-13
Say's Phoebe - first 1 3/25 (previous earliest first date, 3/26/60); next 4/3; common 4/19
Horned Lark - first flight song 3/10; still infrequent 3/31; very common and nesting territories established, 4/30.
Blue Jay - 1 4/21

Black-billed Magpie - fairly common and fixing nests, 3/31.
Common Crow - 1 3/11, 4/21, 19 4/22.
Rock Wren - first, 3 4/19-20; remaining.
Mockingbird - 1 4/26 (earliest in 15 years; other early date 4/28/59), 4/28; fairly common 4/30.
Sage Thrasher - first 1 4/12-16; none later.
Robin - first 1 3/15, song 3/27, remained until 4/27.
Mountain Bluebird - 4 3/17, first since 2/21; very few; last 4/16.
Ruby-crowned Kinglet - 1 4/29; rare here in spring.
Loggerhead Shrike - first 1 4/18,19; remaining, common.
Starling - comes and goes; one pair trying desperately to find nesting site (M&A)
Myrtle Warbler - first 4/26,28,29.
House Sparrow - comes and goes, few.
Western Meadowlark - very common and nesting territories established, singing everywhere (3/31); very common 4/30.
Yellow-headed Blackbird - first, 25 4/23-30.
Redwinged Blackbird - small numbers come and go (A).
Brewer's Blackbird - first 2 4/21-28; scarce.
Brown-headed Cowbird - first 2 4/14 (first, 1960, 3/27), next 4/20; first female 4/30.
House Finch - first 1 4/29.
Savannah Sparrow - 1 4/11, few present 4/30.
Lark Sparrow - first 1 4/29-30, small number remaining.
White-winged Junco - 1 3/11.
Slate-colored Junco - 1 4/4-7.
Oregon Junco - first 1 3/3, last 4/18; rare this year.
Tree Sparrow - present in small numbers and singing, 3/31.
Brewer's Sparrow - first 1 4/30.
White-crowned Sparrow - first, 2 3/30; last seen 4/27 or 28.
Lapland Longspur - migrating in small numbers; last 3/27.

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MAY MEETING --- Tuesday, May 23, 1961 - 8:00 p.m.
Bird Room, Denver Museum of Natural History
(Please use north door through furnace room)

(1) Dr. Howard Wilson will talk on a recent Texas trip, with slides made with telescope and demonstration of equipment.
(2) Short Australian bird films.
(3) Election of officers.

Miss Ruth Wheeler
3340 West 37th Ave.
Denver 11, Colorado

Colorado Bird Club
Denver Museum of Natural History
City Park, Denver 6, Colo.

# COLORADO BIRD NOTES

Bulletin of the Colorado Bird Club
(National Audubon Society Affiliate)

Vol. 9 No. 3 Denver, Colorado July 1, 1961

## 1961 SPRING COUNT

by Harold R. Holt

The 1961 state-wide spring bird count taken May 20 was very successful, as 70 observers in 22 parties produced 228 species, exceeding the previous high counts of 1956 and 1959 by 15 species. The weather was mild, with many showers and thunder storms. Sixteen reports were received from throughout the State, the Longmont group again reporting the most species, 145, three better than in any previous year. Nine species new to the spring count list for the state were added, bringing the total to 283. These will be noted in the following summary.

The Bonny Dam area was good, as usual, for eastern and shore birds, notably Common Merganser (late), Sanderling, Least Tern (new, extremely unusual for the state), Great Crested Flycatcher, Purple Martin, Wood Thrush, Black-and-White Warbler, Bobolink, Baltimore Oriole, and Cassin's and Grasshopper Sparrows. The Snyders, covering the southeastern corner of the state, found Pigeon Hawk, Long-billed Curlew, Yellow-shafted Flicker, White-necked Raven, and Eastern Meadowlark (new). At Fort Morgan, Dennis Carter's party found Orchard Oriole and Chestnut-sided Warbler. The Douglasses had a Broadwinged Hawk (new) at Fort Collins, also Peregrine Falcon, Scaled and California Quails (local), Chukar (new), Traill's Flycatcher (new, identified by song), and McCown's Longspur (new). The Longmont group reported White Pelican, Band-tailed Pigeon, Eastern Phoebe, Sage Thrasher (late), and Summer Tanager (new, very unusual). The Boulder Bird Club found 50 California Gulls (unusual number), Gray Jay (unusual down at 8,000 feet, Poor-will, and Magnolia Warbler. Notable for the Barr Lake party was a Barn Owl at the Rocky Mountain Arsenal, also Short-eared Owl (late), 40 Hermit and 150 Swainson's Thrushes (unusual numbers), Blue-gray Gnatcatcher, and Baltimore Oriole. Genesee Mountain produced the only Williamson's Sapsucker and the only Brown Creeper was found at Echo Lake. The Whites found Wood Duck (new) and Palm Warbler at Cherry Creek Dam, southeast of Denver. At Colorado Springs, the Aiken Ornithological Society reported Green Heron, Rough-legged Hawk (very late), Least Flycatcher (3, no details), Long-billed Marsh Wren, Eastern Bluebird, Prothonotary Warbler (new), Nashville Warbler, and Tree Sparrow (no details). At Derby Mesa, on the Western Slope, the Shiers found an Ash-throated Flycatcher. A Pectoral Sandpiper with Wilson's Phalarope at a pond at Kenosha Pass (10,000 ft.), in Park County, and Baird's Sparrow at Antero Reservoir (8,900 ft.) were reported by the Gustafsons and party.

Even with the species count as high as it was, a few which should have been recorded were missed, including Common Egret, Sharp-shinned Hawk, Greater Yellow-legs, Marbled Godwit, Bell's Vireo, and White-throated Sparrow, a few of those included in at least half of the previous counts. Perhaps in the not-too-distant future these and many others will show up on one count.

The following table summarizes the counts for fifteen areas. A sixteenth report, from Paul and Lesley Julian for the Boulder-Valmont area, was received after the stencils for the tables were made. Of 82 species seen by the Julians, 14 were not reported by the Boulder Bird Club; these are indicated without numbers by "#" in the column for the Boulder count (headed "B").

| Species | BD | La | MC | FC | L | B | BL | RR | GM | EL | M-W | F | CS | DJ | KP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Common Loon | 1 | | | | | | | | | | | | | | |
| Horned Grebe | | 1 | | 1 | | | | | | | | | | | |
| Eared Grebe | 20 | 2 | | 12 | 27 | 6 | 55 | | | | | 3 | 6 | | 3 |
| Western Grebe | | 10 | 1 | 93 | 32 | 2 | | | | | | 8 | 3 | | |
| Pied-billed Grebe | | 1 | | 2 | 14 | 1 | 2 | | | | 6 | 1 | 2 | | |
| White Pelican | | | | | 3 | | | | | | | | | | |
| Double-crested Cormorant | 7 | | 2 | 5 | | | | | | | | 1 | | | |
| Great Blue Heron | 6 | | 3 | 10 | 6 | 3 | 10 | | | | 1 | | 2 | | |
| Green Heron | 1 | | | | | | | | | | | | 1 | | |
| Snowy Egret | | | | | | | | | | | | | 1 | | 1 |
| Black-crowned Night Heron | | | 3 | | 20 | 5 | 3 | | | | | | 1 | | 5 |
| American Bittern | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| White-faced Ibis | | 1 | 1 | 4 | | | | | | | | 4 | 1 | | |
| Canada Goose | | 2 | | 3 | | | | | | | 6 | 2 | | | 18 |
| Snow Goose | | | | | | | | | | | | | 6 | | |
| Mallard | 16 | 21 | 8 | 64 | 119 | 16 | 300 | | | | 11 | 19 | 35 | 5 | 11 |
| Gadwall | 8 | 56 | 8 | 139 | 222 | 30 | 40 | | | | 4 | 4 | 34 | | 5 |
| Pintail | 1 | 1 | 3 | 13 | 1 | # | 250 | | | | | 3 | 9 | | 10 |
| Green-winged Teal | 4 | 2 | | 27 | | 40 | 2 | | | | | 2 | 12 | | |
| Blue-winged Teal | 22 | 14 | 13 | 65 | 62 | 50 | 175 | | | | | 27 | 37 | | |
| Cinnamon Teal | | | | 3 | 11 | 12 | 20 | | | | 2 | 6 | | | 7 |
| American Widgeon | 3 | 3 | | 2 | 7 | # | | | | | | 2 | 4 | | |
| Shoveler | 36 | 38 | 5 | 319 | 96 | 40 | 150 | | | | 3 | 9 | 129 | | 11 |
| Wood Duck | | | | | | | | | | | | 1 | | | |
| Redhead | 4 | 16 | | 26 | 25 | 6 | 15 | | | | 17 | 2 | 3 | | 11 |
| Canvasback | 3 | 2 | 1 | 5 | | | | | | | | | | | |
| Lesser Scaup | 25 | | 8 | 15 | 57 | 16 | 20 | | | | 2 | 9 | 13 | | 15 |
| Bufflehead | | | 1 | 4 | 4 | 2 | | | | | | | | | |
| Ruddy Duck | 12 | 26 | 4 | 59 | 177 | 12 | 40 | | | | 15 | 16 | 206 | | |
| Common Merganser | 1 | | | | | | | | | | | | | | |
| Turkey Vulture | | 2 | | | 2 | | | | | | | 22 | 1 | 4 | |
| Cooper's Hawk | 1 | | | | 2 | | 1 | | | | | 1 | | | |
| Red-tailed Hawk | | 2 | | | 1 | 1 | 9 | | | 1 | | 3 | 1 | 3 | 4 |
| Broad-winged Hawk | | | | 1 | | | | | | | | | | | |
| Swainson's Hawk | 6 | 6 | 5 | 3 | 2 | | 9 | | | | | 7 | 3 | | 1 |
| Rough-legged Hawk | | | | | | | | | | | | | 1 | | |
| Ferruginous Hawk | | | | 1 | | | | | | | | | | | 1 |
| Golden Eagle | | | | | 5 | | 2 | | | | 1 | | 1 | 4 | |
| Marsh Hawk | 2 | 1 | | 1 | 1 | 2 | 1 | | | | | 1 | 2 | 1 | |
| Prairie Falcon | | | | 1 | | | | | | | | 2 | 1 | | |
| Peregrine Falcon | | | | 1 | | | | | | | | | | | |
| Pigeon Hawk | | 1 | | | | | | | | | | | | | |
| Sparrow Hawk | 2 | 2 | 11 | 23 | 40 | 5 | 7 | 2 | | | 7 | 14 | 17 | 2 | 1 |
| Bobwhite | 3 | | | | | | 1 | | | | | | | | |
| Scaled Quail | | 3 | | 1 | | | | | | | | | 1 | | |
| California Quail | | | | 5 | | | | | | | | | | | |
| Ring-necked Pheasant | 18 | 18 | 8 | 51 | 41 | 3 | 20 | | | | 5 | 1 | 9 | | |
| Chukar | | | | 1 | | | | | | | | | | | |
| Virginia Rail | | | | | 1 | 2 | | | | | | | | | |
| Sora | | | | 3 | 2 | | | | | | | 2 | | | |
| American Coot | 51 | 16 | 20 | 92 | 80 | 30 | 50 | | | | 10 | 9 | 32 | | |
| Killdeer | 7 | 8 | 4 | 13 | 29 | 23 | | | | | | 10 | 24 | | 5 |
| Black-bellied Plover | | 2 | | 5 | | | | | | | | | | | |
| Common Snipe | | | | | 2 | 8 | | | | | | | | | |
| Long-billed Curlew | | 5 | | | | | | | | | | | | | |

| Species | BD | La | MC | FC | L | B | BL | RR | GM | EL | M-W | F | CS | DJ | KP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Spotted Sandpiper | 7 | 5 | 2 | 4 | 11 | 1 | 10 | | | | | 1 | | | 5 |
| Willet | | | | 1 | 1 | | | | | | | | 1 | | |
| Lesser Yellowlegs | 2 | | | | | # | 2 | | | | | | | | |
| Pectoral Sandpiper | | | | | | | | | | | | | | | 1 |
| White-rumped Sandpiper | 107 | | | | | # | | | | | | | | | |
| Baird's Sandpiper | 2 | | | | 17 | | | | | | | | | | |
| Least Sandpiper | 1 | | | 1 | | | | | | | | | | | |
| Long-billed Dowitcher | | 3 | | 25 | | 3 | 2 | | | | | | 2 | | 2 |
| Stilt Sandpiper | 13 | | | | | 1 | | | | | | | | | |
| Semipalmated Sandpiper | 19 | | | | 4 | | | | | | | | | | |
| Western Sandpiper | | 16 | | 1 | 3 | | | | | | | | 3 | | |
| Sanderling | 6 | | | | | | | | | | | | | | |
| American Avocet | 8 | 2 | | 114 | 39 | 10 | 50 | | | | 1 | | 23 | | 10 |
| Wilson's Phalarope | 20 | 18 | 1 | 243 | 64 | 20 | 100 | | | | | | 91 | | 46 |
| Northern Phalarope | | | | 127 | 15 | | | | | | | | | | |
| California Gull | | | | | 35 | 50 | | | | | | | | | |
| Ring-billed Gull | 60 | | 5 | 111 | 50 | 7 | 6 | | | | 2 | 2 | 50 | | 8 |
| Franklin's Gull | 121 | 40 | | 2 | 1 | | | | | | | | 25 | | 1 |
| Bonaparte's Gull | 1 | | | 1 | | | | | | | | | | | |
| Forster's Tern | 2 | | 2 | 1 | 3 | # | 2 | | | | | | | | 1 |
| Least Tern | 1 | | | | | | | | | | | | | | |
| Black Tern | 107 | 108 | 15 | 18 | 41 | 14 | 60 | | | | 2 | 22 | 89 | | 5 |
| Band-tailed Pigeon | | | | | 2 | | | | | | | | | | |
| Mourning Dove | 65 | 103 | 97 | 94 | 510 | 73 | 350 | 3 | | | 24 | 41 | 203 | 5 | 3 |
| Barn Owl | | | | | 2 | | 1 | | | | | | | | |
| Great Horned Owl | 3 | | | | 2 | | 2 | | | | | | 1 | | |
| Burrowing Owl | | 3 | 1 | 2 | 2 | | | | | | | 1 | | | |
| Long-eared Owl | 1 | | | | | | 3 | | | | | | | | |
| Short-eared Owl | | | | | | # | 3 | | | | | | | | |
| Poor-will | | | | | | 1 | | | | | | | | | |
| Common Nighthawk | 1 | 6 | | | | | | | | | | | 1 | | |
| White-throated Swift | | | | 12 | | | | 3 | | | 6 | 3 | 182 | 6 | |
| Broad-tailed Hummingbird | | | | | 3 | 8 | | | | | 3 | 21 | 10 | 8 | 1 |
| Belted Kingfisher | 2 | | | 1 | 2 | | | | | | | | 2 | | |
| Yellow-shafted Flicker | 3 | 1 | | | | | | | | | | | | | |
| hybrid Flicker | | | | | | | | | | | | | 1 | | |
| Red-shafted Flicker | | 3 | 2 | 26 | 54 | 23 | 5 | 3 | 1 | 1 | 4 | 2 | 38 | 9 | 2 |
| Red-headed Woodpecker | 28 | 18 | 2 | 2 | 13 | 3 | 2 | | | | | 1 | 16 | | |
| Lewis' Woodpecker | | | | 5 | 5 | 1 | | | | | 2 | 2 | 11 | | 1 |
| Yellow-bellied Sapsucker | | | | | | | | | | | | | | | 4 |
| Williamson's Sapsucker | | | | | | | | | 1 | | | | | | |
| Hairy Woodpecker | | | | | 4 | 4 | 1 | | | | | | 3 | 6 | 6 |
| Downy Woodpecker | 2 | | 3 | | 4 | 1 | 3 | | | | | 1 | | | |
| Eastern Kingbird | 26 | 13 | 29 | 19 | 26 | 10 | 25 | | | | 2 | 11 | 57 | | |
| Western Kingbird | 38 | 113 | 62 | 26 | 37 | 2 | 150 | | | | 4 | 45 | 73 | | |
| Cassin's Kingbird | | | | | | # | | 2 | | | | 4 | | | |
| Great Crested Flycatcher | 1 | | | | | | | | | | | | | | |
| Ash-throated Flycatcher | | | | | | | | | | | | | | 1 | |
| Eastern Phoebe | | | | | 1 | | | | | | | | | | |
| Say's Phoebe | | 2 | 2 | 5 | 4 | 3 | | 2 | | | | 1 | 5 | 2 | |
| Traill's Flycatcher | 1 | | | 3 | 1 | 1 | | | | | | | | | |
| Least Flycatcher | | | | | | | | | | | | | 3 | | |
| Empidonax (unidentified) | | | 3 | 5 | | | 5 | | 1 | | 2 | | | 4 | 2 |
| Western Flycatcher | 2 | | | | | | 4 | | | | 3 | | 6 | | |

| Species | BD | La | MC | FC | L | B | BL | RR | GM | EL | M-W | F | CS | DJ | KP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Western Wood Pewee | 3 | | 4 | 5 | 18 | 9 | 9 | | | | 4 | 4 | 6 | | |
| Olive-sided Flycatcher | 1 | | | | | 1 | | | | | | | 1 | | |
| Horned Lark | 42 | 116 | 54 | 37 | | | 10 | | | | | 22 | 53 | | 52 |
| Violet-green Swallow | | | | 5 | 131 | 38 | | | | | 20 | | 1079 | 114 | 11 |
| Tree Swallow | | | | 1 | 29 | 7 | 1 | | | | 2 | | 20 | | 14 |
| Bank Swallow | 3 | 2 | | 1 | 24 | | | | | | 1 | 2 | 27 | | |
| Rough-winged Swallow | 27 | 2 | 4 | 212 | 18 | 1 | 50 | | | | | 7 | 48 | | 3 |
| ** Cliff Swallow | 144 | 246 | 75 | 179 | 250 | 50 | | | | | | 15 | 55 | 50 | 18 |
| Purple Martin | 3 | | | | | | | | | | | | | | |
| Gray Jay | | | | | 5 | 1 | | | | 1 | | | | | 1 |
| Blue Jay | 34 | 4 | 25 | 1 | 14 | | 2 | | | | | 1 | | | |
| Steller's Jay | | | | | 17 | 4 | | | | 1 | | | 17 | 2 | 3 |
| Scrub Jay | | | | | | | | 2 | | | 1 | 1 | 30 | | |
| Black-billed Magpie | 8 | 28 | 50 | 38 | 195 | 60 | 150 | 5 | | | 33 | 48 | 290 | 28 | 15 |
| Common Raven | | | | | 3 | | | | | 5 | | 6 | | | 8 |
| White-necked Raven | | 3 | | | | | | | | | | | | | |
| Common Crow | 6 | 2 | 6 | 13 | 9 | 7 | | 1 | 2 | | | | 10 | | |
| Pinon Jay | | | | | 4 | | | | | | | | 19 | 1 | |
| Clark's Nutcracker | | | | | 9 | | | | | 1 | | | | 1 | |
| Black-capped Chickadee | 7 | | 4 | 3 | 7 | 5 | 2 | 2 | | | 10 | 7 | 12 | 1 | 5 |
| Mountain Chickadee | | | | | 8 | # | | | | 6 | | 3 | 1 | | 15 |
| White-breasted Nuthatch | | | | | 3 | # | | | | 1 | | | 5 | | 2 |
| Red-breasted Nuthatch | 1 | | | | | | | | | | | | | | 1 |
| Pigmy Nuthatch | | | | | 23 | | | | 4 | | | 2 | 17 | | |
| Brown Creeper | | | | | | | | | | 2 | | | | | |
| Dipper | | | | 1 | 4 | 1 | | | | | | | | | |
| House Wren | 18 | | 14 | 3 | 20 | 15 | 12 | 3 | | | 3 | 5 | 24 | | 2 |
| Long-billed Marsh Wren | | | | | 1 | | | | | | | | 1 | | |
| Canon Wren | | | | | | | | 1 | | | | | 1 | | |
| Rock Wren | | | 5 | 11 | 1 | | 1 | 1 | | | | 1 | 1 | 1 | 1 |
| Mockingbird | 4 | 9 | 8 | 1 | 1 | | 6 | | | | | 6 | 8 | | |
| Catbird | 9 | | 2 | | 2 | 4 | 2 | 2 | | | | 1 | 5 | | |
| Brown Thrasher | 5 | 2 | 12 | | 2 | # | 4 | | | | | 2 | 2 | | |
| Sage Thrasher | | | | | 1 | | | | | | | | | | |
| Robin | 2 | 5 | 13 | 52 | 179 | 60 | 5 | 5 | 1 | | 36 | 29 | 272 | 28 | 26 |
| Wood Thrush | 1 | | | | | | | | | | | | | | |
| Hermit Thrush | | | | 1 | | | 40 | | 1 | 1 | | 1 | | | 1 |
| Swainson's Thrush | 32 | | 15 | 7 | 8 | 2 | 150 | | | | | | 4 | | |
| Veery | 1 | | | | 1 | 5 | 2 | | | | | 1 | | | |
| Eastern Bluebird | | | | | | | | | | | | | 9 | | |
| Western Bluebird | | | | | | | | | | | | 3 | | | |
| Mountain Bluebird | | | | | 23 | | | | 1 | | | 4 | 2 | 11 | 21 |
| Townsend's Solitaire | | | | | 7 | | | | | | | | | | |
| Blue-gray Gnatcatcher | | | | | | | 1 | | | | | | | | |
| Golden-crowned Kinglet | | | | | 2 | 1 | | | | | | | | | |
| Ruby-crowned Kinglet | | | | | | # | | | | 6 | | | | | 9 |
| Water Pipit | | 1 | | | 4 | | | | | 30 | | | | | 4 |
| Cedar Waxwing | | | | | | 2 | | | | | | | | | |
| Loggerhead Shrike | | | 1 | 1 | 1 | # | 2 | | | | | 13 | 3 | | |
| Starling | 8 | 6 | 58 | 27 | 150 | 60 | 50 | 2 | | | 10 | 29 | 189 | 1 | 3 |
| Solitary Vireo | | | 2 | | 1 | 1 | 4 | | 1 | | | 3 | 1 | | 1 |
| Red-eyed Vireo | 1 | | | 2 | 2 | 4 | | | | | | | 3 | | |
| Warbling Vireo | 5 | | | 2 | 8 | 3 | 5 | 1 | | | 1 | | 3 | 2 | |
| ** Barn Swallow | 3 | 59 | 5 | 38 | 225 | 26 | 50 | | | | 15 | 6 | 45 | 2 | 8 |

| Species | BD | La | MC | FC | L | B | BL | RR | GM | EL | M-W | F | CS | DJ | KP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Black-and-White Warbler | 1 | | | | | | | | | | | | | | |
| Prothonotary Warbler | | | | | | | | | | | | | 1 | | |
| Tennessee Warbler | 2 | | | | | | 2 | | | | | | | | |
| Orange-crowned Warbler | | | | | 2 | 1 | 5 | | | | 1 | 2 | | | |
| Nashville Warbler | | | | | | | | | | | | | 1 | | |
| Virginia's Warbler | | | | 7 | 8 | 12 | 20 | 4 | | | 2 | | 19 | | |
| Yellow Warbler | 16 | 4 | 39 | 40 | 30 | 45 | 15 | 2 | | | 10 | 7 | 48 | 6 | 2 |
| Magnolia Warbler | | | | | | 1 | | | | | | | | | |
| Myrtle Warbler | | | | 6 | 9 | # | | 1 | | | 3 | | 7 | | 1 |
| Audubon's Warbler | 2 | 3 | 5 | 17 | 95 | 27 | 20 | 5 | | | many | 2 | 22 | 14 | 19 |
| Chestnut-sided Warbler | | | 1 | | | | | | | | | | | | |
| Blackpoll Warbler | 1 | | | 2 | 1 | | 1 | | | | | | | | |
| Palm Warbler | | | | | | | | | | | | 1 | | | |
| Ovenbird | 3 | | 1 | | | | 1 | | | | | | 3 | | |
| Northern Waterthrush | | | 1 | | 2 | | 1 | | | | | | 2 | | |
| MacGillivray's Warbler | 1 | | 2 | | 2 | 1 | 12 | 1 | | | | 1 | 2 | 2 | |
| Yellowthroat | 12 | 1 | 4 | 3 | 23 | 28 | 12 | | | | 6 | 5 | 16 | | |
| Yellow-breasted Chat | 4 | | 2 | 1 | 1 | 2 | 1 | 4 | | | | 2 | | | |
| Wilson's Warbler | | | | 1 | 4 | 4 | 11 | 1 | | | 2 | | 4 | | 2 |
| American Redstart | 3 | | 2 | 1 | 4 | | 1 | | | | | 1 | 2 | | |
| House Sparrow | 24 | 68 | 87 | 15 | 125 | 65 | 30 | | | | 25 | 23 | 210 | | 1 |
| Bobolink | 1 | | | | | | | | | | | | | | |
| Eastern Meadowlark | | 1 | | | | | | | | | | | | | |
| Western Meadowlark | 39 | 124 | 70 | 62 | 140 | 75 | 300 | 4 | | | 110 | 157 | 264 | 3 | 10 |
| Yellow-headed Blackbird | 213 | 7 | 33 | 76 | 225 | 18 | 150 | | | | 50 | 75 | 26 | 1 | |
| Red-winged Blackbird | 123 | 47 | 91 | 83 | 1300 | 300 | 250 | | | | 40 | 114 | 323 | 21 | 27 |
| Orchard Oriole | 22 | 2 | 3 | | | | | | | | | | 1? | | |
| Baltimore Oriole | 10 | | | | | | 1 | | | | | | | | |
| Bullock's Oriole | 10 | 32 | 19 | 13 | 15 | 5 | 60 | 2 | | | 2 | 14 | 69 | | |
| Brewer's Blackbird | | 2 | | 12 | 15 | 11 | 6 | 6 | | | 10 | 31 | 87 | 21 | 65 |
| Common Grackle | 15 | 9 | 71 | 73 | 172 | 3 | 12 | 4 | | | 10 | | 83 | | |
| Brown-headed Cowbird | 6 | 1 | 12 | 28 | 9 | 3 | 2 | 7 | | | 56 | 5 | 33 | | 2 |
| Western Tanager | | | 3 | 9 | 135 | 20 | 40 | 4 | | | 15 | 5 | 62 | 3 | |
| Summer Tanager | | | | | 1 | | | | | | | | | | |
| Rose-breasted Grosbeak | 2 | | | | 1 | | | | | | | | 2 | | |
| Black-headed Grosbeak | 1 | | 3 | 6 | 43 | 5 | 10 | 3 | | | 4 | 5 | 64 | | |
| Blue Grosbeak | 5 | 1 | 1 | 1 | 1 | | | | | | | 2 | 1 | | |
| Indigo Bunting | | | | | 1 | | | | | | | | 3 | | |
| Lazuli Bunting | 1 | | | 9 | 65 | 24 | 1 | 4 | | | 12 | 2 | 59 | | |
| Dickcissel | 14 | 8 | 2 | | | | | | | | | | | | |
| Evening Grosbeak | | | | 24 | 24 | 20 | | 47 | | | 50 | | 295 | | |
| Cassin's Finch | | | | 55 | 9 | 2 | | | 4 | | | | 34 | 1 | |
| House Finch | | 9 | 4 | 12 | 55 | 25 | 12 | | | | 10 | 7 | 156 | | |
| Pine Grosbeak | | | | | | | | | | 3 | | 1 | | | |
| Pine Siskin | 2 | | 5 | 162 | 775 | 250 | 2 | 41 | | 3 | 25 | 186 | 246 | | 23 |
| American Goldfinch | 5 | | 8 | 32 | 36 | 6 | 6 | | | | 4 | 1 | 87 | | |
| Lesser Goldfinch | | | | | | # | | 1 | | | | | 8 | | 6 |
| Red Crossbill | | | | | | 5 | | | | 10 | | 7 | | | |
| Green-tailed Towhee | | | | 2 | 7 | 2 | 6 | 3 | | | | 5 | 9 | 1 | |
| Rufous-sided Towhee | 1 | 1 | | 15 | 2 | 10 | 1 | 11 | | | 20 | 28 | 51 | | |
| Lark Bunting | 179 | 208 | 567 | 373 | 105 | 50 | 65 | | | | 50 | 201 | 51 | | |
| Savannah Sparrow | | | | 8 | 1 | 5 | | | | | | | | | |
| Grasshopper Sparrow | 4 | | | | | | | | | | | | | | |
| Baird's Sparrow | | | | | | | | | | | | | | | 6 |

| Species | BD | La | MC | FC | L | B | BL | RR | GM | EL | M-W | F | CS | DJ | KP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vesper Sparrow | | 2 | 1 | 18 | 6 | 1 | 1 | 1 | | 1 | 2 | 19 | 15 | | |
| Lark Sparrow | 18 | 13 | 41 | 45 | 17 | 1 | 10 | 6 | | | 6 | 38 | 47 | | |
| Cassin's Sparrow | 2 | 5 | | | | | | | | | | | | | |
| Oregon Junco | | | | | | | | | | | | | 9 | | |
| Gray-headed Junco | | | | 1 | 8 | 4 | | | | 20 | | | 11 | 9 | 7 |
| Tree Sparrow | | | | | | | | | | | | | 2 | | |
| Chipping Sparrow | 8 | 18 | 13 | 53 | 230 | 70 | 100 | 10 | 4 | | 15 | 29 | 85 | 2 | 5 |
| Clay-colored Sparrow | 7 | | 28 | 54 | 10 | | 53 | | | | | 1 | | 1 | |
| Brewer's Sparrow | | | 4 | 7 | 13 | 15 | 2 | 2 | | | 1 | | 7 | | |
| White-crowned Sparrow | 1 | | 1 | 3 | 31 | 7 | 20 | | | 2 | 20 | 2 | 38 | 13 | |
| Lincoln's Sparrow | | | 1 | | 2 | | | | | | | | | | |
| Song Sparrow | | | | | 1 | 2 | 5 | | | | 1 | 3 | 5 | 2 | 2 |
| McCown's Longspur | | | | 14 | | | | | | | | | | | |
| Total species (228) | 113 | 80 | 84 | 122 | 145 | 102 | 104 | 41 | 11 | 20 | 68 | 104 | 132 | 41 | 71 |
| Observers | 5 | 2 | 3 | 10 | 8 | 8 | 4 | 2 | 2 | 2 | 3 | 2 | 18 | 2 | 4 |
| Parties | 1 | 1 | 1 | 2 | 4 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |
| Party hours | 13 | 12 | 12 | 24 | 50 | 16 | 14 | 4 | 3 | 4 | 12 | 12 | 44 | 4 | 12 |

Areas covered and participants:

BD - Bonny Dam, lake and river bottom - Thompson Marsh; W.L., J.K. & John L. Chapin, Robert J. Tully.

La - Lamar and S.E. corner of Colo. - Charles and Mildred Snyder

MC - Fort Morgan, Weldona, Jackson Res. - Dennis Carter, Lawrence Davis, Howard Rollin

FC - Fort Collins, Wellington, Windsor, Horsetooth Area - John and Margaret Douglass, Ron Ryder, Chuck Stone, Tony Gasbarro, Joel Cracraft, Ron Perry, Keith Evans, Ed Anderson, Fred Sterns

L - Longmont, Berthoud, Campion, Lyons, Big Thompson Canyon, Estes Park, and part of Rocky Mountain National Park - Jay Arnold, Inez Baker, Allegra Collister, Camille Cummings, Harold Dunning, Rebecca Dunning, Rennie Fox, Merle Thielen.

B - Boulder vicinity - Boulder Bird Club

BL - Rocky Mountain Arsenal, Hoyt Ranch, Barr Lake, Milo High Lakes, Fitzsimons Hosp., Grace Hardee, Candace Rosegay, Mary Louise Rosegay, Lois Webster

RR - Red Rocks - Norman Lerch, Donald Thatcher

GM - Genesee Mountain - Norman Lerch, Donald Thatcher - 7600-8200 ft.

EL - Echo Lake - 10,600 ft. to timberline - N. Lerch, D. Thatcher

M-W - Morrison to Waterton, Bear Creek - Phyllis Caswell, Sadie Morrison, Robina Storrie

F - Cherry Creek Dam, Franktown, Castle Rock - Parnell and Jean White

CS - Colorado Springs and Vicinity, Black Forest - Mrs. T.L.Adams, Mrs. G.L.Catlett, Mr. and Mrs. R.R.Larkey, Mrs. Noble Miller, Paul Nesbit, Mrs. A.S.Nicholson, Mrs. William Noble, Clara Perley, Mrs. Lawrence Pickering, Ramona Pickering, George Sinton, Mahlon Speers, Pearl Turner, Mrs. E.Van Sickle, Mr. and Mrs. H.J.Weberbauer, Mrs. A.D.Williams. (Aiken Ornithological Society)

DJ - Derby Junction to State Bridge, Colorado River bottoms, Derby Mesa near Burns - George and Marie Shier

KP - Park County (Kenosha Pass to Antero Res.) - Cliff Daniels, Bob and E.Gustafson, Nancy Shrader

# WELDONA NOTES

by Howard Rollin

May 31, 1961 -- The month of May had slightly over three inches of precipitation. Coming as it did just when ground-nesting birds were hatching or had young, it was extremely destructive to the young.. Only five young Horned Larks have been seen, and no Western Meadowlark young. However, all is green here and there is plenty of moisture in the ground for some time. Other birds are very slow at nesting and there are still a few small flocks of Lark Buntings about.

June 30 -- There is not much to report this month in the bird world, except to say that the birds have had a wonderful month and njmerous young of several species are seen commonly. The past month has been dry, the only rain falling on June 4 and 5, and the last few days were very hot. The early spring being so wet, few young Larks and Meadowlarks appeared, but this month has corrected that condition and young of both are quite common.

The following notes are combined from the two above reports (M - May; J - June):
Mallard - 2 along the creek for some, the only ones seen right here (M).
Swainson's Hawk - first, i 5/5-14; only 5 seen here to date (5/31).
Golden Eagle - none seen.
Marsh Hawk and Sparrow Hawk - occasional (M). All hawks scarce (J).
Ring-necked Pheasant - a few (M); fairly common (J).
Killdeer - fairly common (M); common and young on the wing (J).
Mourning Dove - scarce, a few nesting (M-J); young on wing (J).
Barn Owl - none seen this year.
Great Horned Owl - none seen (M); one pair in canyons (J).
Poor-will - first, 1 5/17-18.
Common Nighthawk - first, 2 5/27; few (M); rare (J).
Red-shafted Flicker - occasional (M).
Red-headed Woodpecker - 1 5/25-29.
Lewis' Woodpecker - 1 5/17.
Eastern Kingbird - first, 1 5/20; scarce.
Western Kingbird - first, 1 5/2-3; common and nesting (M); 2 pairs nesting about the buildings about 100 feet apart - an interesting situation, as they have frequent arguments; occasionally four others come in and there is a real commotion when all get together.
Say's Phoebe - This species has had a hard time. The male of first pairing died in April 13 storm; remated female was killed June 1 by a late Northern Shrike; third mating has very small young (6/30). Each pairing required an addition to the nest, which now has three stories.
Empidonax (probably Traill's) - 1 5/12.
Horned Lark - numerous; many young (J).
Rough-winged Swallow - 2 5/10; few nesting (J).
Barn and Cliff Swallows - none seen at ranch.
Blue Jay - 1 5/24, 2 6/17.
Common Crow - 2 6/23.
House Wren - 15/9 (first since 9/6/59).
Rock Wren - common by 5/5.
Mockingbird - common (M); young by 6/30.
Brown Thrasher - scarce; nesting by front door (M); 3 young on wing (6/30).
Sage Thrasher - 1 6/24, the first since 4/16.
Hermit Thrush - 1 5/12.
Swainson's Thrush - 1 5/20.
Northern Shrike - 1 6/1, very late; appeared a veritable giant, compared with a Loggerhead close by.
Loggerhead Shrike - scarce; 1 pair nesting here (M); nesting and young (6/30).
Starling - occasional 1 or 2 come and go.
Orange-crowned Warbler - 1 5/25.
Yellow Warbler - first, 1 5/11-12.

Myrtle Warbler - first, 1 5/1; 5/10,19.
Audubon's Warbler - 1 5/10.
MacGillivray's Warbler - 2 5/10.
Wilson's Warbler - 1 5/19.
American Redstart - 1 5/31.
House Sparrow - present rarely.
Western Meadowlark - very common (M); young appearing (J).
Yellow-headed Blackbird - first, 5,5/1; a few present until mid-May. (J).
Bullock's Oriole - first, 1 5/10-12; fairly common (M); present but not nesting here
Orchard Oriole - 1 6/1.
Common Grackle - a few come and go; last 5/22.
Brown-headed Cowbird - common by 5/10, rare later; one young being fed by Lark Sparrow 6/28.
Brewer's Blackbird - 6 6/7.
Black-headed Grosbeak - first, 1 5/20-21.
Blue Grosbeak - first, 1 5/19; common this year.
House Finch - 2 6/23.
American Goldfinch - occasional.
Lesser Goldfinch - first, 4 5/10-12.
Green-tailed Towhee - 1 5/10-17.
Rufous-sided Towhee - 1 5/10; occasional to 5/31.
Lark Bunting - first, 2 5/1; 50-75 (1 female) 5/3; both sexes common by 5/10; young by 6/30.
Vesper Sparrow - last, 5/20.
Lark Sparrow - increasing 5/6, but not common; nesting 6/30 and some young present.
Cassin's Sparrow - quite common; heard and seen from north of Fort Morgan to south of Buckingham; seems to have established nesting territories.
Gray-headed Junco - 1 5/19.
Chipping Sparrow - first, 3 5/7; a few to 5/20; 1 6/6.
Clay-colored Sparrow - first, 7 5/7;(first, 1960, 4/17.); common to 5/25; numerous this year.
Brewer's Sparrow - common 5/6; a few remain (M); rare (J).
White-crowned Sparrow - last, 5/20.
McCown's Longspur - 5 5/1, the only ones seen this year.

* * * * * * *

## ROSY FINCH ROOST

by Larry Davis

Many excavations have been made in the western part of the city of Golden, Colorado, because of the clay content of the soil. Some of these form ideal nesting places for Rock Doves and Cliff Swallows. One deep, man-made crevice is used as a winter roost by the Gray-crowned Rosy Finch (Leucosticte tephrocotis) and the Black Rosy Finch (Leucosticte atrata). Probably the Brown-capped Rosy Finch (Leucosticte australis) roosts at this cut, too, but it has not yet been seen there. The roost is southwest of the Golden City Hall and about one-half block east of Highway U.S. 6. To reach it, one must go south from Golden on the highway, approximately .4 mile from the intersection with 19th Street, park by the Lookout Mountain billboard, and follow the telephone wire in. The crevice is at the top of a ridge higher than the surrounding area and about twenty-five feet west of the steep drop-off to the east.

In 1916, 45 years ago, Robert J. Niedrach found a rosy finch roost in the vicinity with the same description, apparently the same one. He said that he saw the birds roosting on the ledges in the roost and in abandoned Cliff Swallow nests. Norman R. French, in his "Life History of the Black Rosy Finch" (Auk 76:2:159-180, April,1959) states that a roost is used year after year and that the birds roost in swallow nests. I did not see any finches in Cliff Swallow nests, but some most likely used them. During snowstorms the temperature in

the roost drops. It is always cooler than the outside air. The use of Cliff Swallow nests for roosting could lead to longer life for the birds using them. S. Charles Kendeigh, in the conclusions to his article on the House Sparrow, "Energy of Birds Conserved by Roosting in Cavities" (Wilson Bulletin 73:2, June, 1961), says:

1. The temperature inside a box cavity used for overnight roosting by a House Sparrow was higher than the outside temperature at air temperatures below 24.7 degrees C. (76°F.).

2. The difference between temperatures inside and outside the box cavity increased with a drop in temperature.

Thus the strongest birds could hold nests and conserve more energy, and so remain strongest.

The roost itself is a hollowed-out inner chamber at the bottom of the crevice. The crevice extends north and south and is about forty feet deep and three-and-one-half to ten feet wide. The north end is nearly vertical, but the south end slopes so that one can walk down to the bottom. About twenty feet north from the large main entrance to the chamber is a small hole going down into it. The finches roosted in and just outside the chamber. They used the smaller entrance only when disturbed. French states that "the primary requirement seems to be overhead shelter. Since the birds are gregarious there must be an abundance of perching space. In addition, the birds usually choose perches against walls or in corners where there is protection from the sides".

The number of birds utilizing the roost fluctuated during the winter. My highest count was 89 on February 12, 1961. The highest count of Black Rosy Finches was four, but there probably were more during the peak. The last count was made April 11, when I saw eleven birds - four Black and seven Gray-crowned (3 "Hepburn's, L. t. littoralis, and 4 of the common Gray-crowned, L. t. tephrocotis).

In early February, the first of the finches left the roost at 6:30 a.m. As the days lengthened, the time of departure of the first birds gradually became earlier. On the last day the birds were observed leaving, March 26, the first came out at about 6:00 a.m. The first indication of awakening was a high-pitched "chew" note from the roost. Sitting above, we could hear the calls increase in volume until a group of finches would spew up onto the walls and remain there a few seconds to five minutes before they all flew off low over the east edge of the crevice. On February 19, five groups came from the pit between 6:30 and 7:01 a.m. I never saw them all come out at once.

In the evening, when a flock came to the roost we would hear the call-notes of the birds and then could see their bounding flight. Although the birds left in several groups, they usually came back in only one or two. Sometimes the smaller groups came silently. At times a part of the flock would detach itself and come dive-bombing in. Then the rest would follow. A person about halfway down inside the crevice did not disturb the birds coming in, but one on the rim usually made them fly around until he moved back. After flying into the crevice, some birds would go directly into the room and others would stay outside or go in one by one. For about half an hour after the birds flew in, there would be fighting and shifting, but then activity slowed down. When two birds fought, they would face each other in the air and violently flutter their wings at each other until they hit the floor. They would then break up and fly back up to their perch. One pair of birds fought like this seven times for a perch. There are many feathers on the floor, probably from these fights.

The rosy finches' main food in winter is seeds, and most of the times I have seen the birds away from a roost they have been on barren ground. Several times at about 7:20 a.m. I have seen a flock of about thirty fly by South Table Mountain, east of Golden. Dennis Carter and I saw 26 Gray-crowned and one Black Rosy Finches in a flock on a dirt bank at 11:00 a.m. where McIntyre Road crosses

(Concluded on page 28.)

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Burrows, Miss Elsa A. - 1320 24th St., Boulder

Burt, Mr. & Mrs. Claude E. - 720 Ogden St. (18) . . . . . KE4-3630

Butler, Miss Johanna M. - 675 Wolff St., Apt. 92 (4)

Cain, Mr. W. Irving - 4020 Bryant St. (11) . . . . . GL5-7585

Carter, Mr. Dennis L. - 1122 Miller Place, Golden . . . . . CR9-4859

Caswell, Miss Phyllis - 106 E. Florida Ave. (10) . . . . . SP7-6146

Catlett, Mrs. Gilbert L. - 318 W. Cheyenne Road, Colorado Springs (Sub.)

Chapin, Dr. John L. - 2441 S. Dahlia Lane (22). . . . . SK6-2200

Chapman, Mrs. Marion - 1920 Yukon St. (15).. . . . . BE3-1113

Clifford, Lt. Col. Alden E. - 945 Cherryvale Rd., Boulder

Close, Mr. R. E. - Box 490, Rt. 3, Golden

Collister, Mrs. Carl N. - 706 Hover Road, Longmont

Condit, Miss Anna R. - Boulder

Crisp, Mrs. Katharine B. - 1276 Emerson St. (18) . . . . . AL5-1239

Crow, Mrs. Arthur H. - 3272 Stuart St. (12) . . . . . GL5-4376

Cummins, Mr. Buryl - 4515 Parkdale Drive, St. Louis 21, Missouri

Davis, Mr. Lawrence - 3005 Sunset Drive, Golden . . . . . CR9-4089

Dement, Mr. & Mrs. T. L. - 3563 Josephine St. (5) . . . . . AC2-5003

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Douglas, Mrs. Eric - 457 Williams St. (18). . . . . FL5-7441

Douglass, Mr. & Mrs. John - 613 Cook Drive, Fort Collins

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Durfee, Miss Bertha - 2821 Jasmine St. (7). . . . . FR7-3080

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Goodfellow, Miss Elsie - 333 E. 16th Ave., Apt. 310 (3) . . . . MA3-9152

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Gustafson, Mr. Robert G. - 16780 Mt. Vernon Rd., Golden

Hanesworth, Mrs. Robert D. - 3819 Reed Ave., Cheyenne, Wyoming

Hansen, Mrs. C. W. - Box 67, Fort Morgan

Hardee, Miss Grace E. - 3531 Decatur St. (11)

Harritt, Miss Nancy - 139 S. Downing St. (9). . . . . RA2-9192

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Haslam, Mr. & Mrs. William H. - 5501 E. Gill Pl. (22)

HaverKampf, Mrs. W. A. - Four Mile Canyon, Boulder

Hendricks, Mrs. Philip - 1839 Wyoming Ave., Billings, Montana

Henrichs, Miss Netta - 1118 Pennsylvania St. (3). . . . . KE4-7435

Herrington, Mrs. Cass - 5 S. Downing St. (9). . . . . RA2-7743

Hilliard, Mr. E. H. - 20 Meadow Lane, Englewood . . . . . AU9-0692

Hollingsworth, Mrs. C. D. - 2040 S. Federal Blvd., Apt. 8 (19) . . GL5-0349

(S) Holt, Mr. & Mrs. Harold - 2502 Winona Ct. (12) . . . . . GE3-4110

Hunt, Mrs. Lillian - 121 West 1st Ave., Apt. 4 (23) . . . . . SP7-7577

Hurlbutt, Miss Catherine A. - 1910 S. Marion St. (10) . . . . SP7-9362

Hyde, Mr. Sidney A. - Biology Dept., Western State College, Gunnison (Sub.)

Julian, Mr. & Mrs. Paul - 22 Crestmoor Drive, Boulder

Kahney, Mrs. Jean - 5897 N. Lowell Blvd. (21) . . . . . HA9-4620

Kent, Miss Frances E. - 333 E. 16th Ave., Apt. 201 (3) . . . . CH4-1703

Kifer, Mrs. Russell S. - 401 Lookout View Dr., Golden . . . . CR9-2300

Kingery, Mr. Hugh - 925 E. 8th (18). . . . . EA2-3696

Kleinschnita, Mr. Ferd - 1630 S. Milwaukee St. (10) . . . . . SP7-3529

Kling, Miss Maude - 4435 King St. (21) . . . . . GR7-2105

Lamb, Mr. Robert E. - 965½ 8th St., Boulder

Lambertson, Mrs. Walter - 122 W. Spruce St., Rawlins, Wyoming

Lerch, Mr. Norman - 9320 W. 74th Ave., Arvada . . . . . HA2-5715

Lett, Mr. & Mrs. John - Platteville

(S) Licht, Mr. E. L. - 730 Kearney St. (20)

Lindell, Mr. Edward - 3032 Perry St. (12). . . . . GR7-[illegible]3

(C) MacKenzie, Mr. Douglas J. - Box 1081 (1)

Mackenzie, Mrs. John - 180 Lafayette St. (18). . . . . PE3-4854

MacNeill, Mrs. Eleanor - 3158 Ames St. (15) . . . . . BE3-2256

(S) Marsh, Mr. & Mrs. Thompson G. - 199 Ash St. (20) . . . . . FR7-5380

Matthews, Mrs. Vera - 735 College Ave., Boulder

McCutcheon, Mrs. Estella - 415 Meeker, Fort Morgan

McKee, Mr. Edwin D. - 4845 Redwood Dr., Bow Mar . . . . . PY4-2854

McNabb, Mr. & Mrs. H. W. - 2346 S. Marion (10) . . . . . SP7-74[illegible]

McRae, Miss Phyllis - 1273 Vine St. (6) . . . . . FL5-4171

Miller, Miss Betty E. - 1766 S. Franklin St. (10) . . . . . RA2-9439

Moore, Pvt. John R. - US55686948, Box 68, 249th Field Hospital (30)

(C) Morrison, Mrs. Roger B. - 13150 W. 9th Ave, Golden. . . . . BE3-1997

Morrison, Miss Sadie - 1265 Mariposa St. (4) . . . . . MA3-0840

Murphy, Miss Margaret M. - 5 S. Downing St. (9) . . . . . SP7-6574

Myers, Mrs. Edith W. - 317 Bross St., Longmont

Neff, Mr. Johnson - 3965 S. Bannock St., Englewood. . . . . SU1-[illegible]549

Nottles, Mr. & Mrs. Walter - 201 S. Eudora St. (22) . . . . . FL5-[illegible]20

Niedrach, Mr. Robert J. - Box 116A, Rt. 3, Littleton (Life Member). . SU1-[illegible]7

Norton, Miss Adrianna - 1612 Columbine St. (10)

Olson, Mrs. Madge - 1574 Marion St., Apt. 20 (18) . . . . . CH4-7157

Olson, Mr. Ray - 8651 W. 38th Ave., Wheatridge. . . . . HA4-6823

Pfretzschner, Mr. Ben - 5570 S. Steele St., Littleton . . . . . SU9-0605

Phelan, Miss Bess - 5041 Waterman St., Apt. 207, St. Louis, Missouri

Pierce, Miss Gertrude - 2240 Colorado Blvd. (7) . . . . . FR7-2240

Pritchett, Miss Margaret - 2735 Federal Blvd. (11). . . . . GL5-2836

Randall, Mr. & Mrs. Jack - 7110 W. Oregon Drive (26)

Ransom, Miss Maud B. - Box 557, Portland, Oregon

Rath, Mr. Walter - 409 Colorado Blvd. (6). . . . . EA2-2[illegible]8

Rea, Mr. Howard - 141 Gilpin St. (18). . . . . RA2-5307

Reames, Miss Oppie - 3177 Main Ave., Durango

Reed, Miss Maude - c/o Senior Homes, #7, 4902 E. Kentucky Circle (22)

Rhoads, Mr. Russell - 1960 S. Franklin (10)

(S) Robinson, Miss Mary H. - 1441 Pennsylvania St., Apt. 4 (3) . . . CH4-7102

Rocky Mountain Nature Association -Rocky Mountain National Park, Estes Park

Rollin, Mr. Howard - Route 1, Weldona (Life Member)

Rose, Mrs. Julia S. - c/o Denver Museum of Natural History, City Park (6)

(S) Rosegay, Mrs. Mary L. - Fitzsimmons Army Hospital (30) . . . . EM6-5311

Rosenbaum, Mrs. Mildred B. - 5135 Bryant St. (21). . . . . GL5-7600

Roth, Mr. Charles B. - 1748 High St. (6) . . . . . DE3-1579

Rudolph, Miss Alice - 139 S. Downing St. (9) . . . . . RA2-9192

Russell, Mr. Charles - 2701 S. Clarkson, Englewood

Ryder, Dr. Ronald A. - 749 Eastdale Drive, Fort Collins

Rynders, Miss Constance June - 2366 S. Lafayette St. (10). . . . FR7-2708

Sargent, Mr. Ralph, Jr. - 2801 E. Exposition Ave., 37 Polo Club Circle (9)

Schmitz, Mrs. Elizabeth - 4029 E. 17th Ave. (20) . . . . . FL5-67[illegible]8

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Shickley, Mrs. M. F. - 223 W. 1st St., North Platte, Nebraska

(S) Shier, Mr. & Mrs. George R. - Rt. 1, Box 821, Golden . . . . . CR9-1851

Snyder, Col. & Mrs. Charles H. - 161 Del Mar Circle (8) . . . . EM6-7610

Snyder, Mrs. Wanda I. Snyder - 220 E. Laurel St., Fort Collins

Storrie, Miss Robina - 443 S. Corona St. (9) . . . . . PE3-0809

Sullivan, Mrs. Berene - Rt. 2, Box 292, Boulder

Svenson, Mr. C. M. - 725 Grant St. (9) . . . . . PE3-8079

Swenson, Mr. W. L. - 2155 S. Josephine St. (10)

Taylor, Mr. & Mrs. Joseph E. - 2393 S. Winona Ct. (19). . . . . WE4-8137

Thatcher, Mr. & Mrs. Donald M. - 2916 Perry St. (12) . . . . . GL5-7479

Thielen, Mrs. Merle - 803 Vivian St., Longmont (Sub.)

Thorne, Dr. Oakleigh II - Thorne Ecological Research Station, 1229 Univ. Ave., Boulder (Sub.)

Thurlow, Mrs. M. M. - 1115 Wood Ave., Apt. 2, Colorado Springs (Sub.)

Tully, Mr. Robert - Bonny Reservoir, Burlington

Turnquist, Mrs. Donald - 5785 W. 60th Ave., Arvada . . . . . HA4-4825

Tyeryar, Mrs. William H. - 1050 Logan St., Apt. C (3)

Tyler, Mrs. Irene S. - 1600 Teller St. (15) . . . . . BE3-2033

von Rosenberg, Mr. Paul C. - 7800 E. Orchard Rd., Englewood . . . PY4-0985

Voris, Mrs. C. D. - 1085 Olive St. (20) . . . . . EA2-7256

Vrtatko, Miss Olga - 1732 Grant St. (3) . . . . . MA3-5465

Watson, Mr. Barrie - 2275 S. Cook (10)

Weberbauer, Mrs. H. J. - 2005 Patrician Way, Colorado Springs

Webster, Mr. Harold M. - 7215 West 12th Ave. (15) . . . . . BE3-0272

Webster, Miss Lois E. - 2821 Jasmine St. (7) . . . . . FR7-3080

Weckbaugh, Mrs. J. K. - 9 Cherry Hills Drive, Englewood . . . . SU9-1877

(S) Welborn, Mr. & Mrs. John B. - 3701 S. Sheridan Blvd. (27) . . . . YU5-4228

Wheeler, Miss Ruth - 3340 W. 37th Ave. (11) . . . . . GL5-3924

White, Mr. E. M. - 1721 Dahlia St. (20) . . . . . FR7-3900

White, Mr. & Mrs. Parnell - 322 E. Cedar, Apt. 1 (9) . . . . . RA2-7520

Willcockson, Mr. Lynn - 800 Dexter St., Apt. 104

Wilson, Dr. & Mrs. Howard - 2044 Jasmine St. (7) . . . . . EA2-8570

Wilson, Mrs. Maudie - 3995 S. Pennsylvania St., Englewood

Winter, Bertha O. - 1004 E St., Lincoln 8, Nebraska (Sub.)

Winters, Miss Eileen - 823 E. 10th Ave. (18) . . . . . TA5-3707

Woodward, Mrs. Ruth - 1045 W. Midway Blvd., Broomfield Heights. Broomfield 540

Woodworth, Mrs. Harriett C. - 3650 S. Federal Blvd., Apt. 27, Englewood

Rosy Finch Roost - (concluded)
Clear Creek, east of the mountain. This area is three miles from the roost, and this group probably came from it.

Mrs. C. N. Collister, Bob Wright, and Dr. Howard Wilson have banded a total of about 28 rosy finches at this roost, three Blacks and the rest Gray-crowned. The level ground around the roost permits the use of mist nets to catch the birds. (A mist net is woven of threads which entangle a bird flying into it.) The finches were very adaptable and soon changed their routine of flying low over the east side of the crevice after one or two bandings. When they learned to avoid two nets, the banders finally had to give up.

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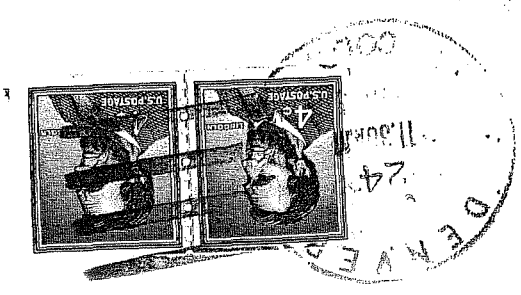
Note:- The date of the Barr Lake trip is Saturday, August 5.

Miss Ruth Wheeler
3340 West 37th Ave.
Denver 11, Colorado

Colorado Bird Club
Denver Museum of Natural History
City Park, Denver 6, Colo.



# COLORADO BIRD NOTES

Bulletin of the Colorado Bird Club
(National Audubon Society Affiliate)

Vol. 9 No. 4 Denver, Colorado Nov. 1, 1961

## 1961 SPRING MIGRATION

by Donald M. Thatcher

The spring of 1961 was much like those of 1959 and 1960--cooler and more retarded than those of several years previous to 1959. More than the usual number of rare species were seen, including several new to the Denver area, or not recorded there for many years.

The following list summarizes the spring migration for three classes of migrants: (1) summer residents (S), first arrival dates (F); (2) winter residents (W or WP), last departure date (L); and (3) nonresident migrants or transients (M or MP), first date (F), high counts (H), and last dates (L). If no letter precedes a date, first (F) is implied. WP and MP indicate species which are summer or permanent residents in the nearby mountains but are here considered as wintering or migrating on the plains. "Straggler" indicates southern species which can hardly be considered migrants at this latitude. Especially unusual species or occurrences (large numbers) are indicates by capitals. The date in parenthesis following a first report date indicates the previous earliest date reported for the past several years and such a date following a last date indicates the previous latest date; if no such date is given, this year's dates fall within the extremes for previous years. Initials of contributors are given only for exceptional reports.

Contributors, with areas generally reported by each: Philip Alexander (Barr Lake), Mrs. Inez Baker (Longmont, Lyons), Jerome Besser (Denver), Lawrence and Catherine Bonner (Denver), Johanna M. Butler (Denver), Dennis Carter (Denver Federal Center, Golden), Mrs. Allegra Collister (Longmont, Lyons, Bonny Reservoir), Joel Cracroft (northeast Colorado), Lawrence Davis (Golden), Ted and Ruth Dement (Denver), John and Margaret Douglass (Fort Collins), Robert Gustafson (Bonny Reservoir, Waterton), Harold and Evelyn Holt (Denver), Edward Hoyt (Aurora), Maude Kling (Denver), Norman Lerch (Denver), Mrs. Marjorie Lett (Platteville, LaSalle), Thompson Marsh (Denver and vicinity, Cherry Creek Dam), Mrs. Laura Martin (Allenspark), Mrs. Est[illegible]a McCutcheon (Fort Morgan), Harold and Althea McNabb (Pitkin), Johnson Neff (Denver), Robert Niedrach (Littleton), Howard Rollin (Weldona), Mrs. Mary Louise Rosegay (Denver, Rocky Mountain Arsenal), George and Marie Shier (Golden), Nancy Shrader (Bonny Reservoir, Littleton), Gwendolyn Smith (Boulder), Charles and Mildred Sny[illegible]r (Barr Lake, Lamar), Charles Stone (northeast Colorado), Donald M. and Donna Thatcher (Denver, Red Rocks, Genesee Mountain), Lois Webster (Denver, Rocky Mountain Arsenal), Ruth Wheeler (Denver), Parnell and Jean White (Franktown, Cherry Creek Dam, Jefferson County), Aiken Ornithological Society (Colorado Springs), Boulder Bird Club, Colorado Bird Club scheduled trips (CBC).

Common Loon - M - 1 4/26 Longmont; 4 5/15 Bonny Reservoir; 1 5/20 Bonny R.
Horned Grebe - M - 2 3/22 Denver (3/14-3/21); 12 4/26 Longmont; 5/21 Fort Collins.
Eared Grebe - S - 2 4/9 Barr Lake; 18 4/30 Cherry Creek Dam (Arapahoe Co.).
Western Grebe - S - 4 4/13 Longmont.
White Pelican - M - 40 4/17 LaSalle (F&H); 3 5/20 Longmont.
Double-crested Cormorant - S - 1 3/11 Barr L. (4/9-28); 34 5/7 Fort Collins.
GREEN HERON - M - 1 5/20 Bonny R and 1 5/20 Colorado Springs (Count)(4/27-5/21).

Common Egret - S - 1 5/4 NE Colorado.
Snowy Egret - S - 1 3/31 Westminster; 11 4/29 Jefferson Co. and Longmont (3/29-4/23).
Black-crowned Night Heron - S - 3 4/8 Barr L. (3/27-4/5).
American Bittern - S - 1 4/28 Longmont.
White-faced Ibis - S - 1 4/8 Barr L. (4/25-5/7); (H) 4 5/21 Cherry Creek Dam.
Snow Goose - M - 27 4/16 Bonny R.; 6 5/20 Colorado Springs.
Green-winged Teal - W - 5/20 (seven Spring Count reports).
Blue-winged Teal - S - 1-3 3/26 Longmont, Cherry Creek Dam, Jefferson Co.
Cinnamon Teal - S - 1 3/12 BowMar.
American Widgeon - W - 2 5/11 Barr L.
Shoveler - W - 75 5/11 Barr L.
Wood Duck - W - 1 5/20 Franktown.
Ring-necked Duck - M - 6 2/14 Denver (Federal Center); 27 4/10 Longmont.
GREATER SCAUP - M - 1 4/2, 5/5 Robbins Dasher L. (Jeff. Co.)(RG,NS).
Lesser Scaup - M - 1 2/18 Denver; 1160 3/24 Cherry Creek Dam; 20 5/14 Bonny R. (6/1).
Common Goldeneye - W - 1 F 5/21 Cherry Creek Dam (4/30-5/4).
Bufflehead - M - 1 3/1 Longmont; 3 5/21 Longmont.
Common Merganser - W - 2 5/27 Fort Collins (6/1).
Red-breasted Merganser - M - 5 4/19 Weldona; 50 4/28 Longmont; 1 4/30 Fort Collins (4/17).
Turkey Vulture - S - 1 4/9 Denver (2/24-3/10).
Rough-legged Hawk - W - (most left by 4/30) 1 5/20 Colorado Springs.
BROAD-WINGED HAWK - 1 4/22 Morrison (DC,LD); 1 late April to 5/15 Littleton (RJN); 1 (RESIDENT) 5/21,27 Fort Collins (J&MD); 1 5/28 Colorado Springs (CBC).
Swainson's Hawk - S - 1 4/11 Golden (3/10-4/10); flock 21 4/23 Derby.
Osprey - M - 1 5/6 Waterton (4/10-6/1).
GOLDEN EAGLE - (H) 15 4/16 Morrison (CBC).
Bald Eagle - W - 1 3/11 Longmont and Barr L. (3/20).
Peregrine Falcon - M - 1 4/25 Longmont (4/20); 1 5/21 Cherry Creek Dam.
Pigeon Hawk - W - 1 5/20 Lamar (4/28).
Sandhill Crane - M - 1 3/24 Antero Reservoir (South Park); 1 4/28 Longmont (3/27-5/5).
Virginia Rail - S - 1 5/4 Longmont (5/2-11).
Sora - S - 1 5/12 Denver (5/3-15).
Semipalmated Plover - M - 7 4/25 Longmont; (H) 33 4/30 Fort Collins; 1 5/14 Bonny R. (8 reports).
PIPING PLOVER - M - 1 5/13 Bonny Reservoir (CBC)(5/1).
SNOWY PLOVER - M - 2 4/29 Longmont (CBC)(5/1-21).
Mountain Plover - S - 3 4/23 Laramie, Wyoming.
Black-bellied Plover - M - 1 5/4 Longmont; 5 5/20, 2 5/27 Fort Collins.
RUDDY TURNSTONE - M - 2 5/15 Bonny Reservoir (AC)(5/19).
Long-billed Curlew - S - 1 4/24 Baca Co.; 5 4/26 Longmont.
WHIMBREL - M - 6 5/14 Longmont (T&RD); 7 5/14 Bonny R (CBC); 1 5/18 Mile High L (LW).
Upland Plover - S - 4 5/4 NE Colorado (5/8-21).
Spotted Sandpiper - S - 2 4/24 Platteville.
Solitary Sandpiper - M - 1 4/24 Platteville.
Willet - M - 1 4/14 Longmont (4/20-30); (H) 8 5/11 Barr L; 4 5/16 Longmont.
Greater Yellowlegs - M - 4/3 Barr L; (H) 14 4/24 Platteville; 1 5/7 Ft Collins (4/22).
Lesser Yellowlegs - M - 24 4/8 Barr L. (3/30-5/11); 3 reports 5/20 (4/23-5/11).
Knot - M - 1 5/13 Bonny Reservoir; 1 5/14 Longmont.
Pectoral Sandpiper - M - 3 4/17 Longmont (4/27-5/11); 1 5/21 Fort Collins.
White-rumped Sandpiper - M - 107 5/20 Bonny Res.; 5/20 Boulder (5/23); 3 6/3 Barr L. (5/30).
Baird's Sandpiper - M - 12 3/15 Longmont (3/14-4/16); (H) 50 4/4 Longmont; 1 5/21 Fort Collins.
Least Sandpiper - M - 10 4/17 Longmont; (H) 50 4/22 Fort Collins; 1 5/21 Ft Collins.
Long-billed Dowitcher - M - 4 4/22; (H) 195 5/7; 1 5/21 all Fort Collins (many other reports.

Stilt Sandpiper - M - 1 5/13 Bonny R.; (H) 13 5/20 Bonny; 1 5/27 (winter plumage) Mile High L.
Semipalmated Sandpiper - M - 15 4/22 Fort Collins; (H) 23 4/30 Fort Collins; 5/20 Bonny R and Longmont.
Western Sandpiper - M - 2 4/17 Longmont; 311 4/30 Fort Collins; 1 5/25 Mile High L.
Marbled Godwit - M - 4 4/26 Longmont; (H) 10 5/7 and (L) 1 5/21 Fort Collins.
Sanderling - M - 4 5/7 Cherry Creek Dam; (H) 30 5/15 and 6 5/20 Bonny Reservoir.
American Avocet - S - 3 4/7 Longmont; (H) 75 5/6 Barr L.
Wilson's Phalarope - S - 4/22 Fort Collins; (H) 550 5/6 Barr Lake.
Northern Phalarope - M - 3 5/7 Cherry Creek Dam; (H) 127 5/20 Fort Collins; (L) 1 6/3 Barr Lake.
California Gull - S - 2 4/7 Longmont; (H) 50 5/20 Boulder.
Franklin's Gull - M - 3 4/9 Cherry Creek Dam; (H) 253 5/7 Fort Collins; 2 6/3 Barr L.
Bonaparte's Gull - M - 8 4/12 Loveland (4/14-22); (H) 41 5/7 Fort Collins; 1 5/20 Bonny Reservoir and Fort Collins.
Forster's Tern - S - 4 4/26, (H) 20 5/2 and (L) 10 5/21 all Longmont.
LEAST TERN - M - 1 5/20 Bonny (Count).
Black Tern - S - 4 5/10, and 8 5/21 (H&L) Longmont.
Band-tailed Pigeon - S - (F) 19 5/14 Morrison (also 5/14/60).
Mourning Dove - S - several scattered winter reports; first singing 3/11 at Platteville and Denver (3/21/60).
Yellow-billed Cuckoo - S - 1 5/8 Platteville (5/21-25); later reports Denver, Longmont, Bonny Reservoir.
BLACK-BILLED CUCKOO - S - 1 6/10 Golden (singing; with Yellow-billed Cuckoo--GS,MS, DC,LD,DHT,DMT)(5/24-29).
Burrowing Owl - S - (F) 1 3/26 Arapahoe Co. (4/4-20).
Short-eared Owl - W - numerous; (L) 1 5/20 Boulder and 3 5/20 Barr Lake.
Saw-whet Owl - M - 1 4/8 Golden (GS)(4/7/60).
Poor-will - S-(F) 1 4/28 Denver.
Common Nighthawk - S - 5/20, 1 Bonny and 6 Lamar; 5/23 (F) Denver.
White-throated Swift - S - 4 3/26 Red Rocks Park; next 4/16 (3/31 previous earliest).
Broad-tailed Hummingbird - S - 1 4/29 Great Sand Dunes (DC); F, Denver area 2 5/1 Red Rocks.
Red-headed Woodpecker - S - (F) 1 5/2 Platteville.
Lewis' Woodpecker - R - 1 4/16 top Lookout Mountain, unusual (HH).
Yellow-bellied Sapsucker - S - 1 4/29 Great Sand Dunes (DC).
Williamson's Sapsucker - S - (F) 1 4/23 Genesee Mountain Park.
Eastern Kingbird - S - (F) 5/5 Golden; (H) 250 5/14 Bonny Reservoir and vicinity.
Western Kingbird - S - 1 4/28 Longmont; (H) 300 5/13 and 5/14 Bonny Reservoir.
Cassin's Kingbird - S - (F) - 1 5/15 Golden.
SCISSOR-TAILED FLYCATCHER - straggler - 1 4/26 3 mi NE of Aurora reported to Lois Webster by Edward Hoyt. Well described. This seems to be the first record for the vicinity of Denver.
Great-crested Flycatcher - S (extreme eastern Colorado) - 1 5/15 Bonny Reservoir.
Ash-throated Flycatcher - S (rare) - 1 5/21 Golden (DC).
Eastern Phoebe - M (rare) - 1 3/11 Golden (GS)(4/16); 1 5/20 Longmont (AC).
Say's Phoebe - S - 3/25, 1 Waterton, 1 Weldona; next, 4/9 Denver.
Traill's Flycatcher - S - 1 5/2 Longmont.
Least Flycatcher - M - 2 5/15 Bonny Reservoir (banded by AC).
Hammond's Flycatcher - MP - 1 5/17 Denver (TM) and Longmont (banded, AC).
Dusky Flycatcher - MP - 1 5/9 Longmont (banded, AC).
Western Flycatcher - MP - 1 5/7 Fort Collins (next, 5/20).
EASTERN WOOD PEWEE - M - 5/21 Bonny (T&RD); 1 heard singing about 5/26 Denver (CB).
Western Wood Pewee - S - 1 5/13 Bonny Reservoir; 5/15 Longmont.
Olive-sided Flycatcher - MP - 1 5/13 Bonny Resv.(5/14); 5/14 Golden; 1 6/4 (late) near Denver (P&JW).

Violet-green Swallow - S - 4/26 Longmont.
Tree Swallow - S - 2 4/7 Longmont (4/11).
Bank Swallow - S - 1 5/6 Barr Lake; (H) 12 5/8 Longmont.
Rough-winged Swallow - S - 1 4/19 Fort Morgan; (H) 1000 5/7 Fort Collins and 1000 5/13,14 Bonny Reservoir.
Barn Swallow - S - 1 4/7 Longmont (4/9); next 4/15 Jefferson Co.
Cliff Swallow - S - 1 4/28 Longmont, next 5/4 NE Colorado.
Steller's Jay - WP - at feeder 3/25-4/20 Longmont.
Pinon Jay - WP - last at Lyons, 80 5/1; M - 3 5/14 Golden, 4 5/20 Longmont.
Mountain Chickadee - WP - (L) 4/18 Longmont (3/25/60).
White-breasted Nuthatch - WP - (L) 1 5/8 Longmont.
Red-breasted Nuthatch - WP - 1 5/20 Bonny; (L) 1 5/27 Fort Collins.
Brown Creeper - WP - (L) 1 4/1 Denver.
Dipper - WP - (L) 2 3/12 Morrison.
House Wren - S - 1 4/29 Longmont, Platteville; several reports 4/30, 5/1.
Winter Wren - W (rare) - 1 4/26 Golden (GS); 1 4/30 Cherry Creek Dam (TM).
BEWICK'S WREN - W (rare) - last seen 3/5 at Red Rocks Park.
Rock Wren - S - 1 3/5 Red Rocks Park (with Bewick's and Canyon Wrens)(4/1); next report 4/19 Weldona.
Mockingbird - S - (F) 2 4/22 Mile High Lakes.
Catbird - S - (F) 1 5/13 Red Rocks Park and Bonny Reservoir.
Brown Thrasher - S - (F) 1 4/30 Platteville.
Sage Thrasher - S - 1 3/19 Longmont (4/1); next, 1 4/12 Weldona.
Robin - S (numerous winter reports) - first territorial song 3/11 Denver (same date as Mourning Dove).
VARIED THRUSH - 1 5/5 Allenspark (LM, thru AC); 2 5/13 in storm Golden (GS). First Denver area record was during preceding winter, at Wheat Ridge (2/26,3/5). Careful observation of flocks of wintering or migrating Robins might produce more records of this visitor from the Northwest. Look for a "Robin" with orange wing-bars, also orange stripe over eyes and black breastband.
Wood Thrush - M - 1 5/20 Bonny Dam.
Hermit Thrush - MP - 2 4/25 Longmont; (L) 1 5/27 Fort Collins.
Swainson's Thrush - MP - 4/29 Longmont (5/1); (L) 3 6/3 Barr Lake.
Veery - S - 2 5/7 Golden (5/10).
EASTERN BLUEBIRD - M - 6 4/8 Morrison (DC,LD); 1 5/8,11 Golden (DC,LD,GS); 9 5/20 Colorado Springs (Count); exceptionally numerous.
Western Bluebird - S(Mts.) - 3 4/23 Genesee Mountain Park.
Mountain Bluebird - MP - 3 2/21 Weldona; next, 150 3/11 Golden; (H) 450 (2 flocks) 3/12 Longmont; (L) 8 5/14 Golden.
Townsend's Solitaire - WP - 18 reports of 1-3 between 12/10/60 and 3/28 Denver ; (L) 1 5/13 Red Rocks.
Blue-gray Gnatcatcher - M - 1 4/30 Golden; (L) 1 5/13 Red Rocks.
Ruby-crowned Kinglet - MP - 1 4/9 Denver; (L) 1 5/27 Fort Collins.
Water Pipit - MP - 11 2/11 Barr Lake (3/1); (L) 12 4/29 Longmont.
Cedar Waxwing - irregular - several reports winter through May 27. (L) flock 6/8-11 Fort Morgan (EM).
Northern Shrike - W - (L) 1 4/1 Longmont, except 1 6/1 Weldona (HR)(5/9); (usual last dates, Weldona, 3/8-4/29).
Loggerhead Shrike - S - 1 4/18 Weldona.
Bell's Vireo - M - 1 5/7,13 Golden (5/17).
YELLOW-THROATED VIREO - M - 1 5/4 Golden (GS)(First Denver record 5/6/60, first Boulder 5/16/60).
Solitary Vireo - MP - 1 5/18 Longmont; 2 5/27 Fort Collins.
Red-eyed Vireo - S - (F) 1 5/14 Longmont.
Warbling Vireo - MP - 1 5/16 Cherry Creek Dam; 2 5/17 Longmont.
BLACK-AND-WHITE WARBLER - MP - 1 5/1 Morrison; 1 5/20 Bonny Reservoir.

PROTHONOTARY WARBLER - M - 1 5/20 Colorado Springs.
WORM-EATING WARBLER - M - 1 4/30 Golden (GS,DT). This uncommon southeastern bird when first seen was feeding about ten yards from a nest of the strictly western Dipper. Well observed, one-half hour. First Denver area record. Previous Colorado records: sight record at Fort Collins 5/16/59; dead specimen (photographed) Durango, 10/22/60.
GOLDEN-WINGED WARBLER - M(rare) - 1 5/30 Bonny Reservoir (P&JW).
Tennessee Warbler - M - 1 5/9 Longmont (banded); 2 5/20 Bonny Reservoir and Barr L.
Orange-crowned Warbler - M - 1 4/19 Fort Morgan (4/20); (H) 6 4/30 Fort Collins; 5 reports 5/20 Longmont to Franktown.
Nashville Warbler - M - 1 5/4 Denver; 1 5/20 Colorado Springs.
Virginia's Warbler - S - 2 4/29 Cherry Creek Reservoir (5/1); (H) 30 5/13 Red Rocks (unusually numerous).
PARULA WARBLER - M - 1 5/7 Golden (GS); 1 5/13 Bonny Reservoir (LW); 1 5/27 Golden (CBC); more than one occurrence in season extremely exceptional.
Yellow Warbler - S 1 4/29 Longmont (4/30); next, 5/5 Denver.
MAGNOLIA WARBLER - M - 1 5/20 Boulder (BBC); 1 5/22 Fort Morgan (RG)(5/25).
BLACK-THROATED BLUE WARBLER - M - 1 male 5/27 Golden (DC,LD).
Myrtle Warbler - M - 6 4/22 Golden and 8 4/22 Fort Collins; (H) 41 4/30 Fort Collins; 1 5/27 Fort Collins.
Audubon's Warbler - MP - 5 4/22 Fort Collins; (L) 3 5/27 Fort Collins.
Black-throated Gray Warbler - M(rare) - 3 5/13 Golden (GS).
Townsend's Warbler - M - 1 5/14 Golden (GS) (only report).
Blackburnian Warbler - M - 1 5/21 Bonny Reservoir (T&RD).
YELLOW-THROATED WARBLER - straggler - 1 5/6-9 Golden (GS,also DC,LD,MS,DT). Closely studied during four days by several observers. First Denver area record. Only other Colorado record a dead bird at Longmont about 1958.
Chestnut-sided Warbler - M - 1 5/20 Fort Morgan (DC,LD,HR); 1 5/28 Denver (J Besser).
Blackpoll Warbler - M - 1 (early) 4/29 Longmont (5/12); next 5/8 Denver; (L) 5/22 Bonny Reservoir (Ten Colorado reports: unusually numerous).
PALM WARBLER - M - 1 5/12 Denver (HH); 1 5/20 Cherry Creek Dam (P&JW).
Ovenbird - S - 2 5/13 Bonny Reservoir.
Northern Waterthrush - M - 1 4/15, singing 4/24 Platteville (ML)(5/5); (L) 4 reports of 1 or 2 5/20 Fort Morgan to Colorado Springs.
MacGillivray's Warbler - MP - 5/2 Golden; (H) 5/13 Red Rocks; 1 5/14 Bonny Reservoir.
Yellowthroat - S - 4/24 Golden.
Yellow-breasted Chat - S - 1 5/9 Red Rocks; numerous.
HOODED WARBLER - M - 1 female 5/16 Golden (DC,LD,GS,MS).
Wilson's Warbler - MP - 4/24 Golden; (H) 11 5/20 Barr Lake.
American Redstart - S - 1 5/6 Barr Lake (5/12).
Eastern Meadowlark - M - 1 5/13,14 Bonny Reservoir (LW,AC); 1 5/20 Lamar (C&MS).
Bobolink - M - 1 5/20 Bonny Reservoir.
Yellow-headed Blackbird - S - 1 4/8 Barr Lake; 3 4/15 Platteville.
Redwinged Blackbird - permanent resident - females appeared about 3/1 Platteville; 250 females 3/25 Derby.
Orchard Oriole - S - 4 5/13 Bonny Reservoir; 3 5/20 Fort Morgan. An immature male reported for Denver 5/22 and 6/4 may have been an immature Bullock's (see R.T. Peterson's Guide). There appears to be no previous Denver report of the Orchard Oriole since 1872.
BALTIMORE ORIOLE - S - 2 5/13, 10 5/20 Bonny Reservoir; 1 5/20 Barr Lake (hybrid?) (Count).
Bullock's Oriole - S - 4 5/6 Barr Lake (5/7).
Rusty Blackbird - W - (H&L) 10 5/10 Golden (GS).
Common Grackle - S - 1 4/1 Jefferson Co; next 2 4/8, many 4/14 Platteville.
Brown-headed Cowbird - S - 1 4/14, next 4/20 Weldona.
Western Tanager - MP - 1 5/6 Barr L (5/7); (H) 22 5/22 Golden; (L) 1 6/4 east of Golden (P&JW).

SCARLET TANAGER - M - 1 with Western Tanager 5/28 Denver (JMButler) yellow under-tail coverts. First-year male or possible hybrid with Western?
SUMMER TANAGER - straggler - 1 5/20-22 Longmont (IB, banded AC).
CARDINAL - M - male at feeder 5/6-27 Denver (MK, also seen by DT; first Denver record since late 1930's); female 5/13,14 Bonny Reservoir.
Rose-breasted Grosbeak - M - 1 or 2 5/20 Bonny Reservoir, Longmont, Colorado Springs.
Black-headed Grosbeak - S - 4 5/11 Golden.
Blue Grosbeak - S - 1 (singing) 5/12 Longmont (5/17).
Indigo Bunting - S - 1 5/13 Bonny Reservoir; 5/20 Longmont and Colorado Springs.
Lazuli Bunting - S - 1 4/29 Longmont; (H) 20 males (1 hybrid with Indigo) 5/13 Red Rocks. An unusual Indigo-Lazuli Bunting hybrid at Longmont was reported (IB): "All blue, bright, lighter than Indigo but much darker than Lazuli. Wing bars, left wing bar broken. With Indigo and 6 or 8 Lazulis at feeder (5/20-21).
Dickcissel - S - 3 5/13,14 Bonny Reservoir.
Evening Grosbeak - W,M - 48 banded at Denver by J. Neff, between 2/9 and 5/19; first one banded (2/9) reappeared until 5/2; most numerous 5/16 (33, plus others heard). (L) 5 5/29 Denver, 1 5/29 Longmont. Many winter and spring reports.
Cassin's Finch - WP - The exceptional winter flight into the plains continued well into the spring, one being seen at Bonny Reservoir, 150 miles from the mountains, as late as 5/13 and another at Fort Collins 5/27. At Longmont, 145 were banded between 1/23 and 5/2 (IB,AC); last males at feeder 5/17, females through 5/25. At Denver, Johnson-Neff reports: first appeared 1/14 at feeder, and the last 5/18; generally 20-30 each day until 4/27, after which there were fewer. Total of 306 were banded; as at no time were more than half the birds present banded, it was estimated that over 600 visited the feeder. The highest daily count was about 190 (flocks of 100 and 75, plus 16 others) at Morrison 1/11 (L&GB).
Gray-crowned Rosy Finch - W - (L) 3 4/2 Red Rocks (TM).
Black Rosy Finch - W - 10 4/2 Red Rocks (TM).
Pine Siskin - W,M - after being extremely scarce on the plains all winter, was exceptionally numerous in spring migration. 17 occurrences in Denver during May, last 5/29 (TM). A small flock was seen eating insects on peach blossoms 5/19, Denver (DT).
Lesser Goldfinch - S - (F) 1 3/18 Lyons (4/4).
Red Crossbill - WP - unusually numerous; 1 5/13 Cope, 125 miles east of mountains (CBC); (L) 6 6/9 Denver (DT).
Green-tailed Towhee - S - (F) 4/26 Golden; next, 1 4/29 Longmont.
Lark Bunting - S - 1 4/30 Platteville, 2 4/30 Fort Collins; numerous 5/4 NE Colorado.
Savannah Sparrow - S - (F) 1 3/23 Golden (4/10); next 1 4/11 Weldona.
Grasshopper Sparrow - S - 4 5/20 Bonny Reservoir.
Baird's Sparrow - M - 4/27 Golden (5/21).
Vesper Sparrow - S - 1 4/14 Castlewood (Douglas Co.)
Lark Sparrow - S - 1-6 4/29 Longmont, Platteville, Weldona.
SAGE SPARROW - M - 1 3/23 Golden (GS).
White-winged Junco - W - (L) 4/14 Longmont.
Slate-colored Junco - W - (L) 1 5/1 Red Rocks (DC)(4/30).
Oregon Junco - W - (L) 9 5/20 Colorado Springs (AOC).
Gray-headed Junco - WP - (L) 1 5/19 Weldona.
Tree Sparrow - W - (L) 1 4/19 Weldona, except 2 5/20 Colorado Springs area.
Chipping Sparrow - S - 2 4/22 Denver; 4 4/23 Genesee Mountain Park (mountains); numerous by 4/30 Fort Collins.
Clay-colored Sparrow - S - 4/29 Longmont; numerous 5/4 NE Colorado.
Brewer's Sparrow - S - 1 4/29 Longmont, Platteville; several reports of 1-2 4/30.
Harris' Sparrow - W - (L) 1 5/13 Golden (5/21).
White-crowned Sparrow - WP,MP - (L) 6 5/27 Fort Collins.
White-throated Sparrow - W - 1-4 3/26-3/27 Longmont; (L) 1 5/2 Longmont (5/21).
Lincoln's Sparrow - MP - 1 4/26 Longmont; next 4/29.
Lapland Longspur - W - (L) 3/27 Weldona (3/28).
McCown's Longspur - W - 6 5/1 Weldona.

# GREAT PLAINS HYBRIDIZATION - A REVIEW

by D. M. Thatcher

Because of the frequent observations in eastern Colorado of hybrids of several species of small birds, certain studies of hybridization made recently in Nebraska, South Dakota and northeastern Colorado may be of interest to CBN readers. These studies were made for Cornell University by C. G. Sibley, L. L. Short, and D. A. West, assisted by several others, and are reported briefly by Short in the Nebraska Bird Review (Vol.29,No.1, January 1961), in an article entitled "Notes on Bird Distribution in the Central Plains." Field work was performed at twenty-five widely scattered places throughout Nebraska and South Dakota, and at Crook, Fort Morgan and Greeley in Colorado, during the 1956-1957 breeding season.

Several degrees of hybridization are discussed, ranging from mere "hybrid" songs, as in the case of the meadowlarks, to interbreeding of extremely dissimilar subspecies formerly considered separate species, as those of the Rufous-sided Towhee. Following is a summary of Short's notes on the several pairs of species or subspecies considered to be actually, or at least possibly, hybridizing.

Flicker--The Yellow-shafted and Red-shafted Flickers interbreed so extensively that "effects of their interbreeding are detectable ... from coast to coast and from northern Canada to Mexico" and "'pure' Red-shafted and 'pure' Yellow-shafted Flickers virtually never come directly into contact in the breeding season." In the area studied, all flickers observed in the western third of Nebraska and South Dakota are believed to be hybrids, and a majority of those of Colorado and Wyoming and of the eastern two-thirds of Nebraska are hybrid to some degree. Short finds no evidence for considering the two flickers separate species.

Eastern and Western Wood Pewees--The Western Wood Pewee was found breeding east to Crook, Colorado, and the Eastern Wood Pewee west to the extreme northeastern corner of Colorado, west of Big Springs, Nebraska. It is believed that the two species come in contact along the South Platte River in the forty-mile stretch between those two points. Some Nebraska specimens of the Eastern show Western color and size characteristics and some eastern Colorado Westerns have Eastern characteristics. Also, in the area studied, occasional songs of Westerns are indistinguishable from the short song of the Eastern. However, there seems to be little or no definite evidence of interbreeding of these two similar species, although their habits and habitats are alike.

Eastern and Western Meadowlarks--The songs of the two meadowlarks in this area of overlap were found to be much more variable than those of extreme eastern and western birds, as in New York and California, this variability making species identification difficult. Frequently songs of supposed Eastern Meadowlarks resembled Western songs, but were whistled. Such "hybrid" songs are believed to result from learning the songs where the two species are in close proximity. The call notes of the two species, however, are distinctive and their habitat preferences are unlike. All specimens taken in the studies, even in eastern Nebraska, were Western Meadowlarks.

Baltimore and Bullock's Orioles--The oriole situation is similar to that of the flicker, all orioles in central Nebraska and the majority of those in eastern and western Nebraska being obvious hybrids. Short considers the two forms biologically one species. (Presumably any "Baltimore" Oriole seen in Colorado during the breeding season is such a hybrid, and likewise many supposed Bullock's Orioles. An oriole seen by the writer at Fort Morgan, June 10, 1956, had the black head of the Baltimore, but a song much like that of the Bullock's.)

Scarlet and Western Tanagers--There are no definite observations of hybridization of the two tanagers, but it is believed that they may come in contact and interbreed in western Nebraska. A male Western Tanager seen there with intense red on head, neck and breast may have been such a hybrid. (See note on Scarlet Tanager in seasonal report, this issue.) An apparently breeding male Scarlet Tanager was seen near Crook, Colorado, in early July, 1956, by one of the participants in this study, D. A. Wingate.

Rose-breasted and Black-headed Grosbeaks--These two closely related species were found to interbreed freely in a two-hundred-mile band in eastern and central Nebraska. Apparently "pure" individuals as well as hybrids occur within this band, a situation different from those of the flickers and the orioles, in which the "pure" species are completely separated by a zone of hybrids in which neither occurs. The two grosbeaks are considered one species by West, who studied their situation.

Indigo and Lazuli Buntings--A condition similar to that of the grosbeaks was found for these two forms, which interbreed over a five-hundred-mile zone throughout which both hybrids and "pure" individuals of both occur, west to Greeley, Colorado, and east throughout Nebraska. (Indigo Buntings and hybrids occur also west to Longmont, Boulder, Golden, Morrison and Colorado Springs.) Sibley and Short have published a report on the bunting study ("Hybridization in the Buntings (Passerina) of the Great Plains," Auk 76:4, October 1959). They consider the overlapping a "secondary" contact, apparently a recent one induced by habitat changes across the Great Plains resulting from both climatic changes and man's activities. The authors were undecided as to whether the two buntings should be considered two species, as they are at present, or races of a single species.

Rufous-sided Towhee--This species presents a situation similar to those of the buntings and the grosbeaks. However, the two interbreeding forms, formerly considered specifically distinct as the Red-eyed (eastern) and the Spotted (western) Towhee, had previously been determined, through studies made in another part of their range, to be races of a single species. The results of the towhee study were published by Sibley and West ("Hybridization in the Rufous-sided Towhee of the Great Plains", Auk 76:3, July 1959). The zone of hybridization is considerably narrower than that of the buntings, being about 250 miles wide in southern Nebraska and much less farther north. Colorado birds, at Crook, showed very little eastern influence. (There seem to be only two Colorado records for the eastern race, at Weldona, 1936, and Boulder, 1958.)

It is interesting to note that the wood pewees, which are quite similar in color and habitat preference, differing mainly in voice, are considered two species, while the towhees, differing in both coloration and voice, and to some degree in habitat, are one species. On the other hand, the flickers, tanagers, grosbeaks, and buntings remain as separate species, although their voices and habitat preferences are identical, or nearly so. Of course, all this is of great importance only to those whose ornithologic interest is taxonomic - and to those whose life lists will suffer if the "lumpers" persist in their activities.

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The next CBN, which will be more nearly on schedule than this one, will contain, in addition to the regular seasonal summary, an interesting summer report by Mrs. C. N. Collister on birds at the Experimental Range at Nunn and Howard Rollin's summer reports from Weldona.

## ORGANIZATION OF COLORADO BIRD CLUB, 1962

President: Mrs. Mary Louise Rosegay
Vice President: Ferd Kleinschnitz
Recording Secretary: Alice Rudolph
Corresponding Secretary: Mrs. Marie Schier
Executive Secretary: Gertrude Pierce
Treasurer: Philip K. Alexander, Jr.

Directors:
1960-1962: Parnell White
Donald Thatcher
1961-1963: Lois Webster
Thompson Marsh
Ex-officio: Dennis Carter

Chairmen:
Meeting Program: Ferd Kleinschnitz
Field Trips: Lois Webster, assisted by Mrs. Ruth Dement
Counts, reports to Audubon Field Notes: Harold Holt
Publicity: Thompson Marsh
Editor, Colorado Bird Notes: Donald Thatcher

The Colorado Bird Club meets on the fourth Tuesday of each month except June, July and August at 8:00 PM in the Bird Room at the Denver Museum of Natural History. Field trips are scheduled for each weekend of the year. All interested persons are welcome at meetings and trips and are invited to membership in the Club.

COLORADO BIRD NOTES, the Club's Bulletin, is issued six times a year. The six issues cover Christmas Count, Winter Season, Spring Count, Spring Migration, Summer Season and Fall Migration. Articles on birds, news and reports of bird observations are desired and should be sent to the editor, at 2916 Perry St., Denver 12, Colo.

Club dues are payable January 1 of each year, and should be sent to the Treasurer, Colorado Bird Club, Denver Museum of Natural History, City Park, Denver 6, Colo. The dues below cover the entire family:
(1) Regular: $2.00 per year
(2) Supporting: $5.00 per year
(3) Contributing: $10.00 per year

* * * * * * *

NOVEMBER MEETING -- Tuesday, November 28, 1961, 8:00 PM, at Bird Room, Museum of Natural History. (Use north door, through basement.)
A movie, "The Flight of the Teal" will be shown.

Officers and Directors, note -- There will be a meeting of the Board of Directors at 7:00 PM, preceding the regular meeting, in the Bird Room.

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### 62nd Christmas Count

Three Christmas Counts are planned for this count period. The usual low-altitude count in the area immediately southwest of Denver will be made Saturday, Dec. 23, and the high-altitude count, in the mountains above Idaho Springs, Saturday, Dec. 30. These areas will be subdivided for parties as in previous years. Those interested in participating should call Harold Holt (GE3-4110) for assignment to parties. The third count, in the Fort Morgan - Weldona area, is planned for Tuesday, Dec. 26, to be led by Dennis Carter. Call Donald Thatcher (GL5-7479) for details.

## MEMBERSHIP LIST REVISION

Our apologies to the following, whose names were inadvertenly omitted from the list in the July 1, 1961, CBN:

Bailey, Dr. Alfred M. (Life Member) - 4340 Montview Blvd., Denver 20. EA2-8913
Brooks, Mrs. Eve M. - 305 So. Race St., Denver 9.
Glover, Mr. Robert E. - 1936 So. Lincoln St., Denver 10.
Humphrey, Mr. James - 9105 Brooks Drive, Arvada. HA4-9352
Smith, Miss Gwendolyn - 3015 Birch St., Boulder.

New Members, welcome:

Barbour, Mrs. Merle C. - 3742 So. Grant St., Englewood. SU1-2904
Hayes, Mr. Phil - 9015 W. 4th, Denver 26. BE7-7870
Marcus, Mrs. Catherine C. - 2475 So. St. Paul St., Denver 10.
Pate, Miss Nancy Lee - 1505 E. 13th Ave., Denver 18.
Thorpe, Mr. Michael - 3270 Ames St., Denver 15. BE3-1793

Address changes:

Borden, Mr. & Mrs. Joseph L. - c/o Pure Oil Co., Box 1651, Anchorage, Alaska.
Carter, Mr. Dennis L. - 2227 E. 1st Street, Tucson, Ariz.
Condit, Miss Anna R. - 1040 Pine St., Boulder. HI3-7148
Douglas, Mrs. Eric - 601 Franklin St., Denver 18.
Gustafson, Mr. Robert G. - 17205 w. 12th Ave., Golden.
Pierce, Miss Gertrude - 2275 Jasmine St., Denver 7. 399-0463
Reed, Miss Maud - PO Box 1243, Boulder.
Tully, Mr. Robert J. - 8305 Charlotte Way, Denver 21.
Winters, Miss Eileen - c/o Mrs. E.H. Dodds, 1266 Emerson St., Den. 18. TA5-0059
Woodward, Mrs. Ruth - 3036 Tennyson St., Denver 12. 433-7934

Telephone number change:

Kleinschnitz, Mr. Ferd - PE3-3966

New supporting members:

Miss Elsa Burrows and Mrs. Cass Herrington.

Error:

Dement, Mr. & Mrs. T.L. -should be 3653 Josephine St. (not 3563)

* * * * * * *

IN MEMORIAM: The Club wishes to express sympathy to the families of three members who passed away during the summer months:

Mr. Henry Blom, an engineer for the city of Denver, lost his life when his truck was hit in the airplane crash at Stapleton Field, July 11.
Dr. W.A. Eliot, author of several books on birds, passed away in August.
Mrs. Irene Tyler, who, with her late husband, Harry Tyler, was a long-time member of the Club, passed away in September.

Miss Ruth Wheeler
3340 West 37th Ave.
Denver 11, Colorado

Colorado Bird Club
Denver Museum of Natural History
City Park
Denver 6, Colo.

# COLORADO BIRD CLUB

October, 1961 meeting -- Tuesday, October 24, 8:00 PM
Bird Room, Denver Museum of Natural History (Use north, basement entrance)
Mr. Mitchell Sheldon of the U.S. Fish & Wildlife Service will present a film on a waterfowl trip to Yellow Knife, near the Arctic Circle.

## Field Trips - November & December

November

4 Sat. 8:00 AM Museum parking lot. Union Reservoir (Longmont) and vicinity. Ted & Ruth Dement, leaders. Bring lunch.

5 Sun. 8:00 AM Colfax & Sheridan. Deer Creek area. Phyllis McRae, leader. Bring lunch.

11 Sat. 7:30 AM Museum parking lot. Barr Lake. Phil Alexander, leader. Bring lunch. (Place subject to change because of hunting season.)

12 Sun. 7:00 AM Colfax & Sheridan. Red Rocks, Genesee Mountain Parks. Donald Thatcher, leader. ½-day.

18 Sat. 10:00 AM Colfax & Sheridan. Bear Creek area. Sadie Morrison, leader. Bring lunch.

19 Sun. 1:00 PM Colfax & Sheridan. Marston and Bowles Lakes. Leader to be announced.

25 Sat. 8:30 AM Museum parking lot. Daniels Park and Sedalia. Lois Webster, leader. Bring lunch.

26 Sun. 7:30 AM Museum parking lot. Rocky Mountain Arsenal. Mary Louise Rosegay, leader. ½-day.

December

2 Sat. 8:30 AM Colfax & Sheridan. Golden area. George Shier, leader. Bring lunch.

3 Sun. To be announced.

9 Sat. 7:30 AM Alameda & Acoma. South Platte River area. Thompson Marsh, leader. Bring lunch.

10 Sun. Same as November 12.

16 Sat. Same as November 18.

17 Sun. 7:30 AM Colfax & Sheridan. Deer Creek area. Ted & Ruth Dement, leaders. Bring lunch.

Trips will leave meeting points at times given.

Christmas Counts, probably on December 23 and 30, to be announced later.

# STATUS AND MIGRATION DATA OF BIRDS OF THE DENVER AREA

compiled Dec. 1961
by Harold R. Holt

This check-list of the birds of the Denver area (25 mile radius from the center of the city, extending 40 miles to the west so as to include the alpine life zone) contains all the species (354) ever seen and recorded from the area. It includes seasonal occurrence and relative abundance for each life zone where found, and extreme and average arrival and departure dates for each season for the plains zone only. The dates have been compiled from all available records, especially from the 'Colorado Bird Notes' for the last nine years (1953-1961)

Species are arranged in the order of the A.O.U. Check List of North American Birds, 5th Edition, 1957.

Each species in the list is followed by the symbols for its seasonal occurrence, followed by its relative abundance with the life zone in parenthesis. In many cases the status changes for different life zones. The symbol # means the species is found occasionally in summer, and the symbol * means the species is found occasionally in winter. In a few cases where no extreme date is shown, the average date is estimated.

## Seasonal Occurrence

PR - permanent resident, found in same general area and life zone throughout year
SR - summer resident, breeding
SV - summer visitor, non breeding
WV - winter visitor from outside the area
WR - wintering specie from any life zone within the area
M - migrant visitor, transient
Acc - accidental, straggler out of its normal range

## Abundance Scale

Ab - abundant, seen commonly in numbers of 500 or more in a single day
VC - very common, seen commonly in numbers of 101-500 in a single day
C - common, seen under proper conditions, 26-100 in a single day
FC - fairly common, seen at appropiate time and place, 6-25 in a single day
Unc - uncommon, 1-5 in a single day and no more than 25 per season
R - rare, 1-5 in a single day and no more than 5 per season
VR - very rare, no more than 1 in a single day and 1 per season
Casual - seen but once every few years

## Life Zones

US - Upper Sonoran or Plains; 3500 to 6000 feet elevation. Typically grasslands, cottonwoods in stream bottoms, lakes, ponds, cattail swamps, cultivated fields, and cities and urban areas.
Tr - Transition or Foothills; 6000 to 8000 feet elevation. Typically Ponderosa Pine forests, Douglas Fir forests, Scrub Oak at lower elevation and cottonwoods along streams in the canyons.
C - Canadian or Montane; 8000 to 10,000 feet elevation. Typically Engelmann Spruce forests, Lodgepole Pine forests, Quaking Aspen.
H - Hudsonian or Subalpine; 10,000 to 11,500 (timberline). Engelmann Spruce, Balsan Fir forests, Limber and Bristlecone Pines at timberline.
A - Artic-Alpine; above 11,500 feet elevation. Tundra with sedges, grasses, herbs and dwarf Artic Willows; much bare rock.

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Common Loon | M-Unc # (US-Tr-C) | (4/14/57) (10/16/55) | Apr. 20 --- May 10 Oct. 20 --- Nov. 25 | | (5/21/55) (12/12/56) |
| Yellow-billed Loon | Acc. (US) | One specimen taken Nov. 7, 1922 Adams County | | | |
| Red-throated Loon | WV-Casual (US) | One sight record Dec. 23, 1956 Jefferson County | | | |
| Red-necked Grebe | Fall M-VR (US) | (10/12/56) | Oct. 20 --- Nov. 20 | | (11/25/55) |
| Horned Grebe | M-Unc (US-Tr) | (3/13/55) (8/25/58) | Mar. 17 --- Apr. 20 Sept. 15 --- Nov. 1 | | (5/21/60) (11/26/59) |
| Eared Grebe | SR-C (US) | (3/13/55) | Mar. 20 --- Nov. 15 | | (12/2/55) |
| Western Grebe | M-Unc # (US) | (4/5/59) (8/30/60) | Apr. 20 --- June 10 Sept. 10 --- Nov. 10 | | (6/25/61)(SV-R) (11/22/59) |
| Pied-billed Grebe | SR-FC * (US-Tr) | (WR-R) (US) | Mar. 20 --- Nov. 15 | | (WR-R) (US) |
| White Pelican | M-Unc # (US) | (4/14/55) (9/7/13) | Apr. 20 --- May 19 Oct. 1 --- Nov. 5 | | (SV-Casual) (11/12/59) |
| Double-crested Cormorant | SR-Unc (US) | (3/11/61) | Mar. 25 --- Nov. 15 | | (11/24/59) |
| Olivaceous Cormorant | Acc. (US) | One specimen taken Oct. 15, 1899 Adams County | | | |
| Anhinga | Acc. (US) | Two specimens taken; Sept., 1927 Aurora Sept. 24, 1931 | | | |
| Great Blue Heron | SR-FC * (US-Tr) | (WR-R) (US) | Mar. 25 --- Oct. 15 | | (WR-R) (US) |
| Green Heron | SV-Casual (US) | (7/1/55) | July --- Nov. | | (11/30/56) |
| Little Blue Heron | SV-Casual (US) | Has occured north of area | | | |
| Common Egret | SV-R (US) | (4/26/07) | May 15 --- Sept. 15 | | (10/5/56) |
| Snowy Egret | SR-FC (US) | (3/29/59) | Apr. 14 --- Sept. 15 | | (10/5/56) |
| Black-crowned Night Heron | SR-FC * (US-Tr) | (3/27/60) | Apr. 11 --- Oct. 20 | | (11/11/60) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Least Bittern | SR-R (US) | ( ) | May 15 | Sept.1 | ( ) |
| American Bittern | SR-Unc (US-Tr) | (4/7/56) | Apr. 19 | Oct. 20 | (10/31/57) |
| Wood Ibis | SV-Casual (US) | Three specimens taken; two Aug. 30, 1902 Fort Logan and Aurora; one July 26, 1934 | | | |
| White-faced Ibis | SV-R (US) | (4/8/61) | Apr. 18 | Sept.10 | (10/3/1896) |
| Whistling Swan | M-Unc * (US) | (WV-R) (11/22/59) | Mar. 25<br>Dec. 1 | Apr. 10<br>Dec. 20 | (4/13/55)<br>(WV-R) |
| Canada Goose | PR-C (US) | (VC in migration) | Feb. 20<br>Oct. 20 | Apr. 10<br>Nov. 25 | |
| White-fronted Goose | M-R * (US) | (WV-VR) (10/1/21) | Mar. 5<br>Oct. 25 | Apr. 5<br>Nov. 20 | (4/15/58)<br>(WV-VR) |
| Snow Goose | M-R (US) | (2/24/59) (10/1/55) | Mar. 10<br>Oct. 20 | Apr. 10<br>Nov. 25 | (4/30/60)<br>(12/4/55) |
| Ross's Goose | M-Casual (US) | Two sight records; May 12, 1956 at Mile High Feb. 7-14, 1959 in City Park | | | |
| Mallard | SR-FC (Tr-C) PR-Ab (US) | | | | |
| Mexican Duck | Acc. (US) | One specimen taken Oct. 29, 1939 Adams County | | | |
| Mottled Duck | Acc. (US) | One sight record Feb. 9, 1937 Mile High Duck Club | | | |
| Gadwall | SR-Unc (Tr-C) PR-FC (US) | (VC in migration) | Mar. 5<br>Sept.10 | May 10<br>Nov. 1 | |
| Pintail | M-Unc (Tr-C) SR-FC * (US) | (Ab in migration) | Feb. 10<br>Aug. 20 | May 5<br>Nov. 5 | |
| Green-winged Teal | WR-C # (US) | (C in migration) | Mar. 1<br>Sept.5 | Apr. 25<br>Nov. 20 | (SV-Unc)<br>(WR-C) |
| Blue-winged Teal | SR-C (US) | (2/12/59) | Apr. 1 | Oct. 10 | (11/18/57) |
| Cinnamon Teal | SR-FC (US) | (3/12/61 | Apr. 5 | Sept.5 | (9/11/60) |
| American Widgeon | M-VC *# (US-Tr) | (WR-FC) (SR-Unc) | Mar. 1<br>Sept.1 | May 1<br>Nov. 15 | (SR-Unc)<br>(WR-FC) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Shoveler M-Unc (Tr-C) | PR-FC (US) | (VC in migration) | Mar. 10 --- May 5<br>Sept. 15 --- Nov. 1 | | |
| Wood Duck | WV-R (US) | (9/18/60) | Oct. 1 --- May 1 | | (5/27/61) |
| Redhead M-Unc (Tr-C) | PR-FC (US) | (C in migration) | Feb. 15 --- May 1<br>Sept. 20 --- Dec. 1 | | |
| Ring-necked Duck | M-C * (US) | (WV-FC) (10/3/59) | Feb. 20 --- Apr. 25<br>Oct. 8 --- Dec. 1 | | (5/21/61) (WV-FC) |
| Canvasback | M-Unc *# (US) | (WV-R) (SR-VR) | Feb. 20 --- Apr. 25<br>Sept. 26 --- Dec. 5 | | (SR-VR) (WV-R) |
| Greater Scaup | WV-Casual (US) | (10/22/32) | Nov. --- Apr. | | (5/5/61) |
| Lesser Scaup | M-C *# (US) | (WV-Unc) (SV-Unc) | Mar. 5 --- May 20<br>Oct. 18 --- Dec. 5 | | (SV-Unc) (WV-Unc) |
| Common Goldeneye M-Unc (Tr-C) | WV-C (US) | (10/29/61) | Nov. 8 --- Apr. 20 | | (5/21/61) |
| Barrow's Goldeneye | WV-Casual (US) | (11/15/59) | Nov. --- Mar. | | (5/2/59) |
| Bufflehead | M-FC * (US-Tr) | (WV-R) (10/15/60) | Mar. 15 --- May 12<br>Oct. 20 --- Nov. 30 | | (5/21/60) (WV-R) |
| Old-squaw | WV-Casual (US) | (10/22/30) | Nov. --- Jan. | | (1/12/12) |
| White-winged Scoter Fall | M-Casual (US) | (10/21/17) | Oct. --- Nov. | | (11/14/59) |
| Surf Scoter Fall | M-Casual (US) | (10/22/1899) | Oct. --- Dec. | | (12/4/56) |
| Common Scoter | Acc. (US) | One sight record Oct. 2, 1901 Aurora Lake | | | |
| Ruddy Duck M-Unc (Tr-C) | SR-C * (US) | (WR-R) | Mar. 24 --- Nov. 15 | | (WR-R) |
| Hooded Merganser | M-Unc * (US) | (WV-R) (10/12/56) | Mar. 11 --- Apr. 10<br>Oct. 20 --- Dec. 20 | | (5/3/60) (WV-R) |
| Common Merganser | WV-C (US) | (10/30/60) | Nov. 12 --- Apr. 25 | | (6/1/60) |
| Red-breasted Merganser | M-Unc * (US) | (WV-R) (10/29/28) | Mar. 20 --- May 10<br>Nov. 10 --- Dec. 20 | | (5/19/57) (WV-R) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Turkey Vulture M-Unc (C-H) | SR-Unc * (US-Tr) | (2/17/56) | Mar. 30 | --- Nov. 1 | (12/21/53) |
| Swallow-tailed Kite | Acc. (US) | One sight record July 2, 1947 near Lookout Mountain | | | |
| Goshawk PR-R (Tr-C) | WV-R (US) | (10/10/59) | Oct. 15 | --- Apr. 5 | (4/26/61) |
| Sharp-shinned Hawk SR-Unc(C) PR-Unc(TR) | WV-Unc (US) | (9/17/61) | Oct. 1 | --- May 5 | (5/14/60) |
| Cooper's Hawk PR-Unc SR-Unc(C) (Tr) | WV-Unc (US) | (9/10/60) | Sept. 15 | --- May 10 | (5/20/61) |
| Red-tailed Hawk M-Unc (H-A) | PR-FC (US-Tr-C) | | | | |
| Harlan's Hawk | WV-Casual (US-Tr) | (10/16/18) | Nov. 1 | --- Feb. 25 | (3/5/60) |
| Broad-winged Hawk | M-Casual (US-Tr) | (4/22/57) One fall record, Sept. 18, 1949 | Apr. 25 | --- May 20 | (5/28/61) |
| Swainson's Hawk M-C FM-Unc(C-H-A) (US-Tr) | SR-FC (US) | (3/3/58) | Apr. 5 | --- Oct. 15 | (11/2/60) |
| Rough-legged Hawk | WV-FC (US) | (9/12/59) | Oct. 5 | --- May 1 | (6/4/61) |
| Ferruginous Hawk | PR-R (US) | | | | |
| Golden Eagle | PR-Unc (US-Tr-C-H) | | | | |
| Bald Eagle | WV-R (US-Tr-C) | (10/21/38) | Nov. 1 | --- Apr. 1 | (4/18/37) |
| Marsh Hawk SR-VR (C-H) | PR-FC (US-Tr) | (C in migration | Mar. Sept. | --- Apr. --- Oct. | |
| Osprey | M-R (US) | (4/10/59) ( ) | Apr. 15 Sept. 1 | --- May 5 --- Oct. 10 | (6/1/60 ) (10/25/53) |
| Prairie Falcon M-Unc (C-H-A) | SR-FC * (US-Tr) | (WR-Unc) | May 1 | --- Oct. 5 | (WR-Unc) |
| Peregrine Falcon | M-R * (US-Tr-C-H-A) | (4/17/56) (8/5/61) | Apr. 20 Sept. 1 | --- May 5 --- Nov. 1 | (5/17/56) (11/23/61) |
| Pigeon Hawk | WV-Unc (US-Tr) | (9/5/57) | Sept. 13 | --- Apr. 30 | (5/4/56) |

| SPECIES | | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|---|
| Sparrow Hawk | M-Unc (C-H-A) | SR-C (US-Tr) | (WR-Unc) | Apr. 1 | Oct. 1 | (WR-Unc) |
| Blue Grouse | | PR-R (Tr-C-H) | | | | |
| White-tailed Ptarmigan | WV-FC(H) | PR-FC (A) | | | | |
| Greater Prairie Chicken | | PR(No longer found in the area) (US) (Last found in 1932) | | | | |
| Sharp-tailed Grouse | | PR-Unc (southern portion of area) (US-Tr) | | | | |
| Bob-white | | PR-Unc (US) | | | | |
| Scaled Quail | | V-Casual (US-Tr) | Introduced north of area | | | |
| Ring-necked Pheasant | | PR-C (US) | | | | |
| Chukar | | PR-R (US-Tr) | | | | |
| Turkey | | PR-R (Tr-C) | | | | |
| Sandhill Crane | | M-Unc (US) | (3/27/54) (9/9/56) | Apr. 1 --- Apr. 30<br>Sept. 15 --- Oct. 10 | | (5/5/56) (10/24/54) |
| Virginia Rail | | SR-Unc * (US-Tr) | (WR-R) | Apr. 20 | Sept. 1 | (WR-R) |
| Sora | | SR-Unc (US-Tr) | (3/30/60) | Apr. 14 | Oct. 5 | ( ) |
| Yellow Rail | | Acc. (US) | One specimen taken July, 1906 at Barr Lake | | | |
| American Coot | M-Ab (US) | SR-VC * (US-Tr) | (WR-Unc) | Mar. 15 | Nov. 15 | (WR-Unc) |
| Semipalmated Plover | | M-R (US) | (4/21/57) (8/11/60) | Apr. 25 --- May 15<br>Aug. 19 --- Sept. 10 | | (5/21/39) (10/8/60) |
| Piping Plover | | M-Casual (US) | One specimen taken May 6, 1939 at Mile High L. sight record May 21, 1955 at Marston Lake | | | |
| Snowy Plover | | M-Casual (US) | One specimen taken Apr. 26, 1939 at Mile High Duck Club | | | |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Killdeer M-Unc (Tr) | SR-C * (US) | (WR-Unc.) | Mar. 11 --- | Nov. 30 | (WR-Unc) |
| Mountain Plover | SR-R (US) | (4/12/59) Breed only on virgin prairies | Apr. 15 --- | Sept. 15 | ( ) |
| American Golden Plover | M-R (US) | (3/30/06) ( ) | Apr. 10 --- Oct. 1 --- | May 14 Oct. 25 | (5/17/58) (11/5/59) |
| Black-bellied Plover | M-R (US) | (5/8/54) (9/18/37) | May 12 --- Sept. 25 --- | May 20 Nov. 5 | (5/25/58) (11/14/60) |
| Ruddy Turnstone | Spr. M-Casual (US) | (4/26/1890) | May 1 --- | May 15 | (5/18/1900) |
| American Woodcock | SV-Casual (US) | (4/19/59) | Apr. --- | Oct. | ( ) |
| Common Snipe | PR-FC (US-Tr) | (C in migration | Apr. 15 --- Oct. 15 --- | May 15 Nov. 15 | |
| Long-billed Curlew | M-Unc # (US) | (4/11/60) (SR-R) | Apr. 19 --- July 25 --- | May 30 Aug. 15 | (SR-R) (8/20/55) |
| Whimbrel | M-Casual (US) | Sight record May 18, 1961 at Mile High Lakes | | | |
| Upland Plover | SR-R (US) | (5/2/37) | May 10 --- | Aug. 18 | (8/22/36) |
| Spotted Sandpiper | SR-FC (US-Tr-C-H) | (4/18/55) | Apr. 25 --- | Oct. 5 | (10/12/58) |
| Solitary Sandpiper | M-FC (US-Tr) | (4/9/60) (7/9/60) | Apr. 18 --- July 15 --- | May 12 Sept. 21 | (5/17/58) (9/30/56) |
| Willet | M-Unc # (US) | (4/20/60) (SR-R) | Apr. 28 --- Aug. 5 --- | May 20 Oct. 1 | (SR-R) (10/15/59) |
| Greater Yellowlegs | M-FC (US-Tr-C) | (3/27/54) (7/9/60) | Apr. 1 --- July 16 --- | May 12 Oct. 20 | (5/21/60) (11/14/56) |
| Lesser Yellowlegs | M-VC (US-Tr-C) | (3/30/58) (7/2/61) | Apr. 9 --- July 12 --- | May 15 Oct. 25 | (5/21/55) (11/8/58) |
| Knot | M-Casual (US) | One sight record Sept. 6, 1941 at Barr Lake | | | |
| Pectoral Sandpiper | M-Unc (US) | (4/2/55) (7/15/59) | Apr. 10 --- July 22 --- | May 15 Oct. 4 | (5/23/59) (10/10/59) |
| White-rumped Sandpiper | M-FC (US) | (5/21/39 ( ) | May 25 --- Aug. 10 --- | June 8 Sept. 25 | (6/12/13) ( ) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Baird's Sandpiper | FM-Unc (C-H-A) M-VC (US-Tr) | (3/14/59) (7/9/60) | Mar. 23 --- May 15 July 15 --- Oct. 15 | | (5/20/59) (10/28/58) |
| Least Sandpiper | M-Unc (Tr) M-FC (US) | (4/14/56) (7/9/57 ) | Apr. 23 --- May 16 July 13 --- Oct. 12 | | (5/23/59) (11/7/60) |
| Dunlin | Spr. M-VR (US) | (4/26/58) | Apr. 28 --- May 9 | | (5/11/61) |
| Long-billed Dowitcher | M-C (US) | (3/27/60) (7/12/60) | Apr. 9 --- May 25 July 19 --- Oct. 20 | | (6/7/60) (10/27/60) |
| Stilt Sandpiper | Spr. M-Unc (US) Fall M-FC | (4/20/59) (7/5/54) | Apr. 28 --- May 17 July 14 --- Sept. 30 | | (5/27/61) (10/8/60) |
| Semipalmated Sandpiper M-Unc(Tr) | M-FC (US) | (4/15/60) (7/19/55) | Apr. 21 --- May 16 July 23 --- Sept. 26 | | (5/21/39) (10/2/60) |
| Western Sandpiper M-Unc(Tr) | Spr. M-FC (US) Fall M-C | (3/23/55) (7/19/55) | Apr. 19 --- May 19 July 24 --- Sept. 16 | | (5/25/61) (9/22/56) |
| Buff-breasted Sandpiper | M-Casual (US) | Two specimens collected Aug. 25, 1910 at Barr Lake | | | |
| Marbled Godwit | M-Unc # (US-Tr) | (4/22/56) (8/9/57) | Apr. 24 --- May 17 Aug. 17 --- Sept. 10 | | (5/21/60) (11/25/11) |
| Hudsonian Godwit | M-Casual (US) | One specimen collected May 26, 1956 at Mile High Duck Club | | | |
| Sanderling | M-Unc (US) | (4/15/56) (8/11/60) | Apr. 20 --- May 15 Aug. 17 --- Oct. 26 | | (5/21/55) (11/5/60) |
| American Avocet | SR-Unc (Tr) SR-C (US) | (3/23/59) | Mar. 29 --- Nov. 10 | | (11/23/60) |
| Black-necked Stilt | M-VR (US) | (4/14/59) (8/19/61) | Apr. 20 --- June 1 Aug. 23 --- Sept. 8 | | (6/8/38) (9/12/58) |
| Red Phalarope | M-Casual (US) | One sight record May 28, 1959 at Federal Center lake in Jefferson Co. | | | |
| Wilson's Phalarope | M-VC (US) SR-FC (US) | (4/19/57) | Apr. 24 --- Oct. 16 | | (10/22/60) |
| Northern Phalarope | M-FC (US-Tr) | (5/7/61) (7/29/58) | May 15 --- May 31 Aug. 20 --- Oct. 5 | | (6/11/60) (10/15/61) |
| Pomarine Jaeger | Acc. (US) | Sight records in Sept., 1955 and Sept.-Nov., 1956 at Marston Lake | | | |
| Parasitic Jaeger | Fall M-Casual (US) | One specimen collected 1889 One sight record Oct. 25, 1953 at Marston L. | | | |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Glaucous Gull | WV-Casual (US) | Two specimens collected, one Mar. 28, 1938 one Apr. 1, 1938 | | | |
| Herring Gull | WV-Unc (US) | (9/21/60) | Oct. 19 | --- Mar. 18 | (3/26/56) |
| California Gull | SV-Unc (US) | (3/11/59) | Mar. 25 | --- Nov. 5 | (11/14/58) |
| Ring-billed Gull | WV-C # (US-Tr) | (SV-Unc) | Aug. 15 | --- Apr. 10 | (SV-Unc) |
| Franklin's Gull<br>Fall M-Unc(C-H) | Spr.M-Unc(US)<br>Fall M-Ab(US-Tr) | (4/1/56)<br>(6/23/59) | Apr. 13<br>July 16 | --- May 23<br>--- Nov. 14 | (6/3/61)<br>(11/22/60) |
| Bonaparte's Gull | M-Unc (US) | (4/8/55)<br>(9/4/58) | Apr. 18<br>Sept. 8 | --- May 17<br>--- Nov. 10 | (5/23/59)<br>(11/18/60) |
| Iceland Gull | Acc. (US) | One specimen collected Apr. 20, 1930 at Barr Lake | | | |
| Black-legged Kittiwake | Acc. (US) | One specimen taken Nov. 13, 1932 at Eastlake, Adams County | | | |
| Sabine's Gull | Fall M-R (US) | (9/3/08) | Sept. 10 | --- Nov. 1 | (11/7/02) |
| Forster's Tern | M-C (US) SR-Unc (US) | (4/10/60) | Apr. 24 | --- Sept. 22 | (10/4/57) |
| Common Tern | M-Casual (US) | One specimen collected Oct. 10, 1913 at City Park, Denver | | | |
| Artic Tern | Acc. (US) | One specimen collected in spring 1887 at Marston Lake | | | |
| Least Tern | SV-Casual (US) | One specimen found dead May 26, 1935 in Boulder | | | |
| Black Tern | SR-FC (US) | (4/25/60) | May 6 | --- Sept. 18 | (9/26/59) |
| Ancient Murrelet | Acc. (US) | One specimen found dead Nov. 28, 1957 at Lafayette, Boulder County | | | |
| Band-tailed Pigeon | M-FC (US) SR-R (TR-C) | (5/2/59) | May 10 | --- Oct. 12 | (10/22/60) |
| Rock Dove | PR-Ab (US-Tr) | | | | |
| Mourning Dove<br>FM-R(H-A) (C) | SR-Unc SR-VC * (US-Tr) | (WR-R) | Apr. 10 | --- Oct. 15 | (WR-R) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Yellow-billed Cuckoo | SR-Unc (US) | (5/8/61) | May 23 | --- Sept.14 | (9/22/56) |
| Black-billed Cuckoo | SR-R (US) | (5/24/59) | May 28 | --- Sept.5 | ( ) |
| Road-runner | WV-Casual (US-Tr) | specimen taken Dec. 13,1902; fall of 1934; one observed near Idaho Springs Aug.56 - Mar. 1957 | | | |
| Barn Owl | PR-R (US) | | | | |
| Screech Owl | PR-Unc (US-Tr-C) | | | | |
| Flammulated Owl | PR-VR (Tr-C) | | | | |
| Great Horned Owl | PR-FC (US-Tr-C-H) | | | | |
| Snowy Owl | WV-Casual (US-Tr) | ( ) | Nov. | --- Mar. | ( ) |
| Pygmy Owl | PR-R (Tr-C) WV-VR (US) | ( ) | Nov. 20 | --- Feb. 15 | ( ) |
| Burrowing Owl | SR-FC (US) | (3/26/61) | Apr. 8 | --- Oct. 26 | (11/8/55) |
| Spotted Owl | V-Casual (US-Tr) | One specimen collected Dec. 31, 1958 in Denver One sight record July 22, 1961 at Red Rocks | | | |
| Long-eared Owl | PR-Unc (Tr-C) PR-FC (US) | | | | |
| Short-eared Owl | WV-FC (US) | (10/21/59) | Oct. 29 | --- May 19 | (5/27/60) |
| Saw-whet Owl | PR-R (Tr-C) WV-VR (US) | (10/28/59) | Nov. 1 | --- May 5 | (5/15/60) |
| Poor-will | SR-Unc (us-Tr) | (4/23/60) | Apr. 30 | --- Oct. 1 | (10/16/55) |
| Common Nighthawk | M-VC SR-C SV-R(C-H-A) (US-Tr) (US-Tr) | (5/3/58) | May 19 | --- Sept.25 | (10/18/58) |
| Chimney Swift | SR-Unc (US) (Boulder) | (4/28/60) | May 5 | --- Sept.20 | ( ) |
| White-throated Swift | SR-C SV-Unc(C-H-A) (Tr) | (3/26/61) (Tr) | Apr. 7 (Tr) | --- Oct. 5 (Tr) | (10/12/55) (Tr) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Black-chinned Hummingbird | Acc. (US) | One specimen collected June 24, 1938 in Denver | | | |
| Broad-tailed Hummingbird M-R(H-A) | SR-C (US-Tr-C) | (4/27/60) | May 4 | --- Sept.17 | (9/24/60) |
| Rufous Hummingbird | Fall M-Unc (US-Tr-C-H) | (7/22/61) | Aug. 1 | --- Sept.15 | (9/23/58) |
| Calliope Hummingbird | Fall M-Casual (US-Tr) | (8/2/54) | Aug. 5 | --- Aug. 20 | (8/20/56) |
| Belted Kingfisher | SR-FC * (US-Tr) | (WR-Unc) | Apr. 1 | --- Oct. 20 | (WR-Unc) |
| Yellow-shafted Flicker | V-Casual (US) | Occasional hybrids with Red-shafted Flicker | | | |
| Red-shafted Flicker SR-Unc(Tr-C) | PR-C (US) | | | | |
| Red-bellied Woodpecker | WV-Casual (US) | One sight record Dec.23, 1958 at Boulder | | | |
| Red-headed Woodpecker | SR-Unc (US) | (4/22/59) | May 1 | --- Sept.5 | (9/11/59) |
| Lewis' Woodpecker SR-R (Tr) | PR-Unc (US) | | | | |
| Yellow-bellied Sapsucker SR-Unc(Tr-C) | M-R * (US) | (WV-R) ( ) | Apr. 15 Sept.15 | --- May 10 --- Oct. 1 | ( ) (WV-R) |
| Williamson's Sapsucker | SR-Unc (Tr) | (3/24/57) (Tr) | Apr. 6 (Tr) | --- Sept.1 (Tr) | (9/6/55) (Tr) |
| Hairy Woodpecker PR-Unc (C-H) | PR-FC (US-Tr) | | | | |
| Downy Woodpecker PR-Unc (C-H) | PR-FC (US-Tr) | | | | |
| Northern Three-toed Woodpecker PR-R (C-H) | | | | | |
| Eastern Kingbird SR-Unc (Tr) | SR-C (US) | (4/24/59) | Apr. 30 | --- Sept.10 | (9/19/59) |
| Western Kingbird SR-Unc (Tr) | SR-C (US) | (4/6/56) | Apr. 29 | --- Sept.21 | (9/28/58) |
| Cassin's Kingbird | SR-R (US) | (4/17/55) | May 2 | --- Sept.5 | (9/12/59) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Scissor-tailed Flycatcher | Acc. (US) | One sight record Apr. 26, 1961 east of Rocky Mountain Arsenal | | | |
| Great Crested Flycatcher | M-Casual (US) | One sight record Sept. 10, 1960 in Denver | | | |
| Ash-throated Flycatcher | M-VR (US-Tr) | (4/24/56) (9/1/55 ) | May 1 --- Sept.5 | May 28 --- Sept.15 | (6/26/59) (9/17/11) |
| Eastern Phoebe | Spr.M-Casual (US) | (3/11/61) | Apr. | May | (5/21/60) |
| Say's Phoebe | SR-FC * (US-Tr) | (WR-VR) (3/22/59) | Apr. 4 | Oct. 15 | (WR-VR) (10/27/57) |
| Traill's Flycatcher | SR-FC (US-Tr) | (5/6/61) | May 12 | Sept.1 | (9/4/55 ) |
| Least Flycatcher | SV-R (US) | (5/3/60) | May 15 | Aug. 25 | (8/29/10) |
| Hammond's Flycatcher M-R (US) | SR-R (Tr-C-H) | (5/6/60) ( ) | May 11 Aug. ? | June 5 Sept.15 | (6/11/17) (9/19/1900) |
| Dusky Flycatcher SR-Unc (Tr-C) | M-Unc (US) | (5/4/59) ( | May 9 Aug. ? | June 5 Sept.25 | (6/13/51) (10/3/59) |
| Gray Flycatcher | M-Casual (Tr) | One sight record May 18, 1960 at Genesee mountain | | | |
| Western Flycatcher SR-FC (Tr-C) | M-FC (US) | (5/1/55) ( ) | May 8 Aug. ? | June 5 Sept.5 | ( ) (9/9/60) |
| Eastern Wood Pewee | Acc. (US) | Sight record daily from May 24 - June 29, 1958 at Boulder: One singing May 26, 1961 Denver | | | |
| Western Wood Pewee | SR-FC (US-Tr-C) | (4/25/60) | May 3 | Oct. 14 | (10/21/59) |
| Olive-sided Flycatcher SR-Unc(C-H) | M-Unc (US-Tr) | (5/14/59) ( ) | May 18 Aug. ? | June 1 Sept.15 | (6/4/61 ) (9/20/60) |
| Vermilion Flycatcher | WV-Casual (US) | Sight records; Oct. 11-13, 1952 at Barr Lake Dec. 21, 1957 south of Denver | | | |
| Horned Lark SR-C (A) | PR-VC (US) | | | | |
| Violet-green Swallow SR-C (Tr-C) | M-C (US) | (4/10/60) (7/30/60) | Apr. 17 Aug. 10 | June 10 Sept.25 | (6/19/60) (10/9/60) |
| Tree Swallow SR-Unc (Tr-C-H) | M-Unc (US) | (4/11/59) (8/13/60) | Apr. 16 Aug. 20 | June 1 Sept.20 | ( ) (10/9/60) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Bank Swallow | SR-Unc (US-Tr) | (4/17/55) | Apr. 23 | Sept.24 | (10/9/57) |
| Rough-winged Swallow | SR-FC (US) | (4/4/59) | Apr. 19 | Oct. 5 | (10/23/58) |
| Barn Swallow SR-Unc (C) | SR-VC (US-Tr) | (4/9/60) | Apr. 16 | Oct. 8 | (11/3/52) |
| Cliff Swallow SR-Unc (C) | SR-VC (US-Tr) | (4/16/59) | Apr. 24 | Sept.10 | (9/17/56) |
| Gray Jay PR-FC (C-H) WV-R (Tr) | WV-Casual (US) | | | | |
| Blue Jay | PR-Unc (US) | (North-eastern quarter of area) Nested in Denver in 1950 and 1961 | | | |
| Steller's Jay PR-FC SR-Unc(H) (Tr-C) | WV-Unc (US) | (Western half of area) | | | |
| Scrub Jay | PR-FC (US-Tr) | (Foothills area) | | | |
| Black-billed Magpie FM-R(C-H-A) | PR-VC (US-Tr) | | | | |
| Common Raven PR-Unc (C-H-A) | WV-Unc (US-Tr) | | | | |
| White-necked Raven | V-Casual (US) | | | | |
| Common Crow | PR-FC (US-Tr) | | | | |
| Pinyon Jay | irr.V-Unc (US-Tr-C-H) | (Mostly fall and winter) | | | |
| Clark's Nutcracker PR-FC(C-H)PR-Unc(Tr) | WV-Casual (US) | | | | |
| Black-capped Chickadee PR-Unc(Tr-C) | PR-FC (US) | | | | |
| Mountain Chickadee PR-C PR-Unc(H) (Tr-C) | WV-FC (US) | (9/20/60) | Sept.29 | Apr. 25 | (5/5/57) |
| Common Bushtit | irr.WV-Unc (US) | (11/12/60) Nested at Boulder in 1954 | Nov. 20 | Mar. 10 | (3/20/60) |
| White-breasted Nuthatch SR-FC(Tr-C) | WV-Unc (US) | (8/8/58) | Aug. 20 | May 8 | (5/14/60) |

| SPECIES | STATUS (LIFE ZONES) | | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|---|
| Red-breasted Nuthatch | PR-Unc (Tr-C) | WV-FC (US) | (8/3/60) | Aug. 15 | --- May 5 | (5/16/60) |
| Pigmy Nuthatch | PR-C (Tr) | WV-R (US) | (8/18/61) | Aug. 25 | --- Apr. | ( ) |
| Brown Creeper | PR-Unc (Tr-C) | WV-Unc (US) | (9/15/58) | Sept. 19 | --- May 8 | (5/24/55) |
| Dipper | PR-FC (Tr-C) | WV-Unc (US) | (10/4/59) | Oct. 10 | --- Apr. 18 | (4/25/59) |
| House Wren | SR-R (C-H) | SR-FC * (US-Tr) | (WR-VR) (4/19/56) | Apr. 25 | --- Oct. 14 | (10/22/60) (WR-VR) |
| Winter Wren | | WV-R (US) | (9/8/56) | Sept. 21 | --- May 10 | (5/21/60) |
| Bewick's Wren | V-Casual (US-Tr) | | Sight records; Apr. 30-May 1, 1960 in Boulder and at Red Rocks Oct. 9, 1960 - Mar. 5, 1961 | | | |
| Carolina Wren | V-Casual (US) | | Specimen observed and collected Oct. 17 - Nov. 18 1957 in Boulder | | | |
| Long-billed Marsh Wren | | WV-Unc (US) | (9/24/60) | Oct. 1 | ----May 3 | (5/11/57) |
| Canyon Wren | | PR-Unc (Tr) | | | | |
| Rock Wren | SR-FC (Tr) | SR-Unc * (US-C-H) | (WR-R) | Apr. 10 | --- Oct. 5 | (WR-R) |
| Mockingbird | | SR-R * (US) | (WR-VR) (3/21/57) | Apr. 15 | --- Nov. 1 | (11/23/59) (WR-VR) |
| Catbird | | SR-Unc (US-Tr) | (4/13/56) | Apr. 22 | --- Oct. 9 | (10/18/57) |
| Brown Thrasher | | SR-R * (US) | (WR-Casual) ($/4/57) | Apr. 21 | --- Oct. 25 | (11/12/59) (WR-Casual) |
| Long-billed Thrasher | Acc. (US) | | One specimen collected May, 1906 at Barr Lake; One sight record Aug. 21, 1949 at Red Rocks | | | |
| Sage Thrasher | Spr. M-R # Fall M-FC | (US-Tr) | (4/1/59) (SV-R) | Apr. 8<br>Aug. 20 | --- May 15<br>--- Oct. 10 | (SV-R)<br>(10/18/58) |
| Robin | SR-Unc (C-H) | SR-VC * (US-Tr) | (WR-Unc) | Mar. 1 | --- Oct. 20 | (WR-Unc) |
| Varied Thrush | V-Casual (US) | | Sight record Feb. 26 and Mar. 5, 1961 in Jefferson County: also on May 13, 1961 | | | |

| SPECIES | STATUS (LIFE ZONES) | | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|---|
| Wood Thrush | Fall M-Casual (US) | | One specimen found dead Nov. 11, 1951<br>Sight record Sept. 28, 1956 in Boulder | | | |
| Hermit Thrush | SR-FC (C) | M-FC (US-Tr) | (4/8/54)<br>(9/18/60) | Apr. 19 --- May 15<br>Sept. 23 --- Nov. 1 | | (5/23/59)<br>(12/17/56) |
| Swainson's Thrush | SR-Unc (C) | M-C (US-Tr) | (4/30/60)<br>(8/31/58) | May 7 --- May 25<br>Sept. 6 --- Sept. 28 | | (6/4/60)<br>(10/7/60) |
| Veery | SR-R (Tr) | M-R (US) | (5/7/61)<br>( ) | May 15 --- May 25<br>Aug. 20 --- Sept. 10 | | ( )<br>( ) |
| Eastern Bluebird | | SR-R (US-Tr) | (4/7/61) | Apr. 12 --- Oct. 1 | | (10/8/16) |
| Western Bluebird | | SR-Unc (Tr) | (3/8/58) (Tr) | Mar. 25 --- Oct. 10 (Tr) | | (10/25/59) (Tr) |
| Mountain Bluebird FM-C(A) SR-Unc(Tr-H)(C) | SR-C | M-VC # (US) | (1/30/55)<br>(SR-VR) | Feb. 17 --- May 5<br>Sept. 10 --- Oct. 20 | | (SR-VR)<br>(12/12/59) |
| Townsend's Solitaire SR-FC(C-H) | | WV-FC (US-Tr) | (9/11/55) | Sept. 22 --- May 5 | | (5/15/60) |
| Blue-gray Gnatcatcher | | M-R (US-Tr) | (4/27/60)<br>( ) | May 1 --- May 15<br>Aug. 25 --- Oct. 20 | | (5/20/61)<br>(11/14/21) |
| Golden-crowned Kinglet SR-R(C-H) | | WV-Unc (US-Tr) | (9/19/56) | Sept. 28 --- May 13 | | (5/19/57) |
| Ruby-crowned Kinglet SR-FC(Tr-C-H) | | M-FC * (US) | (4/9/61)<br>(9/10/53) | Apr. 15 --- May 15<br>Sept. 15 --- Nov. 12 | | (5/21/51)<br>(12/8/56) |
| Water Pipit | SR-C (A) | M-FC * (US-Tr) | (2/11/61)<br>(9/25/60) | Apr. 10 --- May 1<br>Oct. 1 --- Oct. 25 | | (5/8/55)<br>(10/31/59) |
| Bohemian Waxwing | irr. (US-Tr-C-H) | WV-C | (11/9/58) | Nov. 15 --- Apr. 17 | | (4/22/59) |
| Cedar Waxwing | irr. | WV-Unc (US-Tr) | (9/9/60) | Sept. 16 --- May 25 | | (6/2/55) |
| Northern Shrike | irr. | WV-Unc (US-Tr) | (10/11/59) | Oct. 17 --- Apr. 20 | | (5/9/59) |
| Loggerhead Shrike | | SR-Unc * (US) | (4/12/58) | Apr. 17 --- Oct. 10 | | (11/21/57) |
| Starling | PR-Unc (Tr) | PR-C (US) | | | | |
| Bell's Vireo | Spr. M-Casual (US) | | One specimen collected June 12, 1903<br>Sight record May 17, 1958; May 7-13, 1961 | | | |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Yellow-throated Vireo | Spr. M-Casual (US) | Sight records in Denver May 6 and 16, 1960 also May 4, 1961 | | | |
| Solitary Vireo SR-Unc(C) | SR-FC (Tr) M-Unc # (US) | (5/8/59) (8/19/58) | May 13 | June 1 Aug. 29 Oct. 1 | (6/5/60) (10/29/60) |
| Red-eyed Vireo | SR-R (US-Tr) | (5/8/60) | May 14 | Sept. 6 | (9/12/60) |
| Warbling Vireo | SR-FC (Tr) SR-Unc (US) | (5/11/57) | May 15 | Sept. 10 | (9/16/59) |
| Black-and-white Warbler | M-VR (US) | (4/20/59) ( ) | Apr. 26 Sept. 1 | May 18 Sept. 9 | (5/21/60) (9/10/60) |
| Worm-eating Warbler | Acc. (US) | One sight record Apr. 30, 1961 at Golden | | | |
| Prothonotary Warbler | Acc. (US) | One sight record May 13, 1960 at Boulder | | | |
| Tennessee Warbler | M-R (US-Tr) | (5/9/61 ) (8/29/58) | May 15 Sept. 2 | May 20 Oct. 1 | (5/20/61) (10/5/60) |
| Orange-crowned Warbler | M-FC M-Unc(C) (US-Tr) | (4/20/59) (8/29/58) | Apr. 26 Sept. 4 | May 17 Oct. 18 | (5/23/59) (10/25/59) |
| Nashville Warbler | M-R (US) | (4/25/54) (9/1/58) | May 1 Sept. 5 | May 19 Oct. 14 | (5/22/55) (11/21/56) |
| Virginia's Warbler | SR-FC (Tr) M-FC (US) | (4/29/61) (8/27/60) | May 6 Sept. 2 | May 20 Oct. 1 | (5/23/59) (10/20/60) |
| Parula Warbler | Spr. M-Casual (US) | (5/5/04) | May 10 | May 22 | (5/27/61) |
| Yellow Warbler | SR-Unc (Tr-C) SR-C (US) | (4/30/55) | May 4 | Sept. 23 | (9/29/57) |
| Magnolia Warbler | M-R (US) | (5/17/1888) ( ) | May 18 Sept. 10 | May 23 Oct. 20 | (5/25/59) (12/3/60) |
| Black-throated Blue Warbler | M-VR (US) | ( ) (9/12/59) | May 10 Sept. 16 | May 27 Oct. 25 | (6/14/15) (11/27/60) |
| Myrtle Warbler | M-Unc (Tr-C) M-FC * (US) | (4/15/57) (8/25/59) | Apr. 20 Sept. 1 | May 19 Nov. 7 | (5/25/61) (11/20/60) |
| Audubon's Warbler | SR-C (Tr-C-H) M-C * (US) | (4/10/59) (8/29/58) | Apr. 18 Sept. 5 | May 20 Nov. 16 | (5/23/59) (11/30/57) |
| Black-throated Gray Warbler | M-VR (US-Tr) | (5/7/58) | May 9 | May 12 | (5/13/61) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Townsend's Warbler | Spr.M-R | (4/28/55) | May 6 | May 20 | (5/24/57) |
| | Fall M-Unc(US-Tr-C) | (8/27/58) | Sept.3 | Oct. 5 | (10/15/60) |
| Black-throated Green Warbler | Spr.M-Casual (US) | One specimen collected May 20, 1909 at Barr Lake | | | |
| Cerulean Warbler | M-Casual (US) | One specimen collected Sept. 20, 1936 at Parker<br>One sight record May 13, 1959 at City Park | | | |
| Yellow-throated Warbler | Acc. (US) | Sight record May 6-8, 1961 at Golden | | | |
| Chestnut-sided Warbler | Spr.M-VR (US) | (5/11/56) | May 14 | May 26 | (5/31/35) |
| Bay-breasted Warbler | M-Casual (US-Tr) | Sight records; May 25, 1953 at Boulder<br>Oct. 1, 1960 at Genesee Mt. Park | | | |
| Blackpoll Warbler | Spr.M-R (US) | (4/29/61) | May 6 | May 22 | (5/26/57) |
| Palm Warbler | Spr.M-Casual (US) | Sight records; May 12, 1961 in Denver<br>May 20, 1961 at Cherry Creek Dam | | | |
| Ovenbird | SR-VR (US-Tr) | (5/6/54) | May 12 | Sept.20 | ( ) |
| Northern Waterthrush | M-R (US) | (4/15/61)<br>(8/27/11) | Apr. 25<br>Sept.5 | May 20<br>Sept.30 | (5/26/59)<br>(10/4/59) |
| Macgillivray's Warbler | M-FC (US) | (4/24/55) | May 2 | May 18 | (5/21/60) |
| | SR-FC(Tr-C) | (8/27/60) | Sept.2 | Oct. 1 | (10/8/59) |
| Yellowthroat | SR-Unc (Tr) SR-FC (US) | (4/21/57) | Apr. 27 | Sept.29 | (10/4/59) |
| Yellow-breasted Chat | SR-Unc (US-Tr) | (5/8/54) | May 13 | Sept.19 | (10/3/59) |
| Hooded Warbler | Spr.M-Casual (US) | Sight record May 8, 1926 at Boulder; specimen collected May 3, 1952 at Barr; sight May 16-18, 1961 at Golden | | | |
| Wilson's Warbler | SR-FC (C-H) M-FC (US-Tr) | (4/15/57)<br>(8/18/60) | Apr. 22<br>Aug. 25 | May 17<br>Oct. 6 | (5/23/59)<br>(10/12/60) |
| Canada Warbler | M-Casual (US) | Sight records; May 26, 1917 on Clear Creek, Denver<br>Sept.9, 1913 near Parker | | | |
| American Redstart | M-Unc (US-Tr) SR-R (US-Tr) | (5/6/61) | May 11 | Aug. 30 | (9/3/59) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| House Sparrow | PR-Unc (Tr-C) PR-VC (US) | | | | |
| Bobolink | SR-VR (US) | (5/17/58) | May 20 | Sept. 1 | (9/9/09) |
| Western Meadowlark | SR-FC (Tr) SR-Ab * (US) | (WR-FC) | Mar. 1 | Nov. 1 | (WR-FC) |
| Yellow-headed Blackbird | SR-C * (US) | (3/14/59) | Apr. 7 | Sept. 18 | (9/25/60) |
| Redwinged Blackbird | SR-FC(Tr-C) PR-Ab (US) | | | | |
| Baltimore Oriole (Probably hybrid bullock's) | M-Casual (US) | Sight records; May 23, 1959 at Barr Lake May 20, 1961 at Barr Lake | | | |
| Bullock's Oriole | SR-Unc (Tr) SR-C (US) | (5/2/60) | May 8 | Sept. 14 | (10/13/55) |
| Rusty Blackbird | WV-R (US-Tr) | (9/16/59) | Sept. 24 | Apr. 15 | (5/10/61) |
| Brewer's Blackbird | SR-FC(Tr-C) SR-VC * (US) | (WR-FC) | Apr. 10 | Oct. 15 | (WR-FC) |
| Common Grackle | M-FC (US) SR-Unc * (US) | (3/23/57) | Apr. 3 | Oct. 30 | (11/20/55) |
| Brown-headed Cowbird | SR-FC (US-Tr) | (3/27/60) | Apr. 16 | Oct. 3 | (10/10/59) |
| Western Tanager | SR-FC (Tr-C) M-C *# (US) | (5/6/61) (7/23/54) | May 12 Aug. 15 | June 1 Oct. 9 | (6/7/60) (10/19/57) |
| Scarlet Tanager | M-Casual (US) | Sight records; May 24, 1959 at Brighton Sept. 5, 56, Denver; Oct. 15, 1960 at Morrison | | | |
| Hepatic Tanager | Acc. (US) | One sight record May 15, 1956 at Boulder | | | |
| Summer Tanager | Spr. M-Casual (US) | One specimen collected May 1, 1936 at Boulder One sight record May 20, 1961 north of area | | | |
| Cardinal | SR-Casual (US) | Few records, last May 8, 1961 | | | |
| Rose-breasted Grosbeak | Spr. M-Casual (US) | One specimen collected May 20, 1938 Daniels Park Sight records May 15-16, 1960 at Boulder | | | |
| Black-headed Grosbeak | SR-Unc (US-Tr) | (4/26/59) | May 2 | Sept. 23 | (10/6/56) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Blue Grosbeak | SR-Unc (US) | (5/17/58) | May 20 | --- Sept. 12 | (9/18/54) |
| Indigo Bunting | SR-R (US-Tr) | (5/7/01) | May 17 | --- Sept. 1 | ( ) |
| Lazuli Bunting | SR-FC (US-Tr) | (4/25/54) | May 4 | --- Sept. 13 | (9/21/58) |
| Dickcissel | irr. SR-R * (US) | (5/1/57) | May 10 | --- Sept. 1 | ( ) |
| Evening Grosbeak | irr. WV-FC (US-Tr-C) | (8/3/60) | Aug. 18 | --- May 20 | (5/29/61) |
| Cassin's Finch | PR-FC (Tr-C) WV-FC (US) | (10/4/59) | Oct. 10 | --- May 11 | (5/23/61) |
| House Finch | SR-Unc (Tr) PR-VC (US) | | | | |
| Pine Grosbeak | WV-R PR-Unc (C-H) WV-Casual (Tr) (US) | Earliest date: Nov. 6, 1960 | | | |
| Gray-crowned Rosy Finch | WV-C (US-Tr-C-H) | (12/4/60) | Dec. 15 | --- Apr. 1 | (4/11/61) |
| Black Rosy Finch | WV-R (US-Tr-C-H) | ( ) | Dec. 15 | --- Apr. 1 | (4/11/61) |
| Brown-capped Rosy Finch | WV-Unc SR-FC(A) (US-Tr-C) | (12/4/60) | Dec. 15 | --- Apr. 1 | (4/10/59) |
| Common Redpoll | irr. WV-R (US-Tr-C) | ( ) | Nov. 15 | --- Apr. 10 | ( ) |
| Pine Siskin | PR-FC (Tr-C-H) WV-C-irr. (US) | (9/20/60) | Oct. 1 | --- May 14 | (5/29/61) |
| American Goldfinch | PR-FC (US-Tr) | | | | |
| Lesser Goldfinch | SR-FC * (US-Tr) | (4/4/59) | Apr. 19 | --- Nov. 1 | (11/9/58) |
| Red Crossbill | irr. WV-FC irr. PR-Unc (Tr-C-H) (US) | (8/27/60) | Oct. 1 | --- May 15 | (6/9/61) |
| White-winged Crossbill | Acc. (Tr-C) | One specimen collected May 17, 1917 in Boulder Co. Sight record of six, Nov. 11, 1954 at Denver | | | |
| Green-tailed Towhee | M-FC SR-FC (Tr-C) (US) | (4/10/57) (9/10/61) | Apr. 23 Sept. 15 | --- May 20 --- Oct. 7 | (5/23/59) (11/24/54) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Rufous-sided Towhee | SR-C * (Tr) | (WR-Unc) | Apr. 21 --- | Oct. 1 | (WR-Unc) |
| Brown Towhee | Acc. (US) | One specimen collected Mar. 17, 1895 at Boulder | | | |
| Lark Bunting | SR-C (US) | (4/19/60) | Apr. 28 --- | Sept. 12 | (9/24/61) |
| Savannah Sparrow | SR-Unc (US-Tr) | (3/23/61) | Apr. 15 --- | Oct. 1 | (10/8/56) |
| Grasshopper Sparrow | SR-R (US-Tr) | (5/4/10) | May 12 --- | Sept. 16 | (9/25/56) |
| Baird's Sparrow | M-R (US) | (4/27/61)<br>(8/24/58) | May 5 ---<br>Sept. 1 --- | May 20<br>Oct. 16 | (5/23/59)<br>(10/21/59) |
| Vesper Sparrow | SR-C * (US-Tr) | (3/8/57) | Apr. 3 --- | Oct. 4 | (10/10/59) |
| Lark Sparrow | SR-C (US-Tr) | (4/19/56) | Apr. 28 --- | Sept. 13 | (9/21/60) |
| Rufous-crowned Sparrow | Acc. (US) | One sight Record May 16, 1954 at Bow Mar | | | |
| Cassin's Sparrow | SR-Casual (US) | ( ) | Apr. 25 --- | Oct. 1 | (11/17/58) |
| Black-throated Sparrow | Acc. (US) | One specimen collected June 25, 1924 in City Park, Denver | | | |
| Sage Sparrow | M-Casual (US) | (3/23/61)<br>( ) | Apr. 3 ---<br>Sept.? --- | Apr. 20<br>Oct. 15 | (4/26/32)<br>(10/25/55) |
| White-winged Junco | WV-FC(irr.) (US-Tr) | (9/30/58) | Oct. 10 --- | Apr. 14 | (4/21/59) |
| Slate-colored Junco | WV-C (US-Tr) | (9/30/58) | Oct. 10 --- | Apr. 22 | (5/1/61) |
| Oregon Junco | WV-VC (US-Tr) | (9/15/60) | Sept. 22 --- | May 10 | (5/16/54) |
| Gray-headed Junco PR-FC SR-FC(H)(Tr-C) | WV-Unc (US) | (9/24/58) | Oct. 1 --- | May 15 | (5/24/55) |
| Tree Sparrow WV-FC (Tr) | WV-C (US) | (10/6/56) | Oct. 12 --- | Apr. 6 | (4/13/55) |
| Chipping Sparrow SR-C (Tr) | SR-Unc (US) | (3/10/57) | Apr. 3 --- | Oct. 25 | (11/18/60) |

| SPECIES | STATUS (LIFE ZONES) | EXTREME ARRIVAL ON PLAINS | AVERAGE ARRIVAL ON PLAINS | AVERAGE DEPARTURE FROM PLAINS | EXTREME DEPARTURE FROM PLAINS |
|---|---|---|---|---|---|
| Clay-colored Sparrow | M-FC # (US-Tr) | (4/21/56)<br>(8/14/60) | Apr. 29 ---<br>Aug. 27 --- | May. 20<br>Oct. 5 | (5/23/61)<br>(10/14/58) |
| Brewer's Sparrow SR-FC M-FC(US) (Tr) | SR-Unc (US) | (3/27/58) | Apr. 23 --- | Oct. 7 | (10/15/57) |
| Harris' Sparrow | WV-R (US-Tr) | (10/28/60) | Nov. 4 --- | May 12 | (5/21/60) |
| White-crowned Sparrow SR-FC(C-H-A) | WV-C (US-Tr) | (8/28/60) | Sept.7 --- | May 18 | (5/27/59) |
| Golden-crowned Sparrow | Acc. (US) | One sight record May 7, 1961 at Golden | | | |
| White-throated Sparrow | WV-VR (US-Tr) | (10/3/56) | Oct. 20 --- | May 10 | (5/21/60) |
| Fox Sparrow | WV-VR (US-Tr) | (11/1/16) | Nov. 15 --- | May 15 | (7/7/56) |
| Lincoln's Sparrow SR-FC (C-H) | M-FC (US-Tr) | (3/23/57)<br>(9/6/60) | Apr. 27 ---<br>Sept.11 --- | May 15<br>Oct. 8 | (5/21/60)<br>(10/16/60) |
| Swamp Sparrow | WV-VR (US) | (10/16/60) | Nov. 1 --- | Apr. 15 | (5/2/60) |
| Song Sparrow SR-Unc (Tr-C) | PR-FC (US) | | | | |
| McCown's Longspur | M-R (US) | ( )<br>( ) | Mar. 5 ---<br>Sept.15 --- | Apr. 5<br>Oct. 15 | (4/12/59)<br>( ) |
| Lapland Longspur | WV-Unc (US) | (9/18/56) | Oct. 1 --- | Mar. 15 | (3/24/57) |
| Chestnut-collared Longspur | WV-R (US) | ( ) | Oct. 1 --- | Apr. 10 | (4/23/57) |
| Snow Bunting | WV-VR (US) | ( ) | Nov. 15 --- | Mar. 15 | (3/27/37) |

Summary of
seasonal occurrence in each life zone

| | US | Tr | C | H | A |
|---|---|---|---|---|---|
| PR | 36 | 39 | 29 | 13 | 2 |
| SR | 84 | 78 | 41 | 18 | 4 |
| SV | 9 | 0 | 2 | 2 | 2 |
| WV | 71 | 26 | 8 | 5 | 0 |
| M | 120 | 43 | 19 | 11 | 10 |
| Acc | 26 | 1 | 1 | 0 | 0 |
| | 346 | 187 | 100 | 49 | 18 |